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Houghton Mifflin Mathematics 4

Testing & Practice Masters

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150 Steelcase Road West • Markham, Ontario • L3R 1B2

CONTENTS

Record Chart for Tests	iii
UNIT 1 Numerals to 999 999	1
UNIT 2 Addition and Subtraction I	7
UNIT 3 Addition and Subtraction II	14
UNIT 4 Measurement	21
UNIT 5 Multiplication Facts	28
UNIT 6 Division Facts	35
UNIT 7 Fractions and Decimals	42
UNIT 8 Multiplication	49
UNIT 9 Division	56
UNIT 10 Measurement	63
UNIT 11 Multiplication and Division	70
UNIT 12 Geometry	77
UNIT 13 Graphs	84
UNIT 14 Decimals	91

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Houghton Mifflin Canada Limited
ISBN 0-395-31302-4

Printed in Canada

Complete answers to Houghton Mifflin's *Testing and Practice Masters* are provided in the *Teacher's Resource Book* for this grade level.

Class Record Chart for Tests

[illegible]

Pretest**Unit 1**

Complete.

1. $67 \bigcirc 76$

2. $49 \bigcirc 81$

3. $63 \bigcirc 65$

4. $127 \bigcirc 271$

5. $184 \bigcirc 148$

6. $209 \bigcirc 92$

7. $7531 \bigcirc 8351$

8. $2962 \bigcirc 2098$

9. $567 \bigcirc 5607$

10. $\$7.43 \bigcirc \6.74

11. $\$0.98 \bigcirc 98¢$

12. $\$1.77 \bigcirc \17.01

13. $200 + 50 + 9 = \underline{\hspace{2cm}}$

14. $600 + 10 = \underline{\hspace{2cm}}$

15. $2000 + 600 + 3 = \underline{\hspace{2cm}}$

16. $4000 + 30 + 8 = \underline{\hspace{2cm}}$

17. 2 quarters, 2 pennies = $\underline{\hspace{2cm}}$

18. 2 dollars, 1 dime = $\underline{\hspace{2cm}}$

19. $20\ 000 + 5000 + 600 + 9 = \underline{\hspace{2cm}}$

20. $40\ 000 + 300 = \underline{\hspace{2cm}}$

21. $80\ 000 + 20 + 7 = \underline{\hspace{2cm}}$

22. $600\ 000 + 10\ 000 + 50 = \underline{\hspace{2cm}}$

Round to the nearest ten.

23. $687 \rightarrow \underline{\hspace{2cm}}$

24. $7298 \rightarrow \underline{\hspace{2cm}}$

Round to the nearest hundred.

25. $6547 \rightarrow \underline{\hspace{2cm}}$

26. $6574 \rightarrow \underline{\hspace{2cm}}$

Write as an ordinal.

27. 12 $\underline{\hspace{2cm}}$

28. 20 $\underline{\hspace{2cm}}$

29. 31 $\underline{\hspace{2cm}}$

30. 83 $\underline{\hspace{2cm}}$

31. 102 $\underline{\hspace{2cm}}$

Write the standard numeral.

32. VI = $\underline{\hspace{2cm}}$

33. IX = $\underline{\hspace{2cm}}$

34. XL = $\underline{\hspace{2cm}}$

35. LXX = $\underline{\hspace{2cm}}$

36. XCVIII = $\underline{\hspace{2cm}}$

Name _____

Extra Practice

Worksheet N1

Pages 2-3

Use $<$, $=$, or $>$.

1. $16 \bigcirc 61$

2. $89 \bigcirc 89$

3. $54 \bigcirc 45$

4. $70 \bigcirc 7$

5. $24 \bigcirc 25$

6. $93 \bigcirc 88$

7. Arrange the numbers in order from smallest to largest.

3, 4, 14, 11, 21, 24, 23

8. Arrange the numbers in order from largest to smallest.

75, 72, 74, 69, 70, 64, 62, 67

Extra Practice

Worksheet N2

Pages 4-5

Complete.

1. $500 + 20 + 9 =$ _____

2. $700 + 60 + 1 =$ _____

3. $100 + 40 + 1 =$ _____

4. $300 + 50 + 7 =$ _____

5. $200 + 3 =$ _____

6. $1 + 500 =$ _____

7. $20 + 8 + 300 =$ _____

8. $7 + 200 + 50 =$ _____

Compare.

9. $281 \bigcirc 364$

10. $302 \bigcirc 98$

11. $323 \bigcirc 332$

12. $461 \bigcirc 467$

13. $342 \bigcirc 243$

14. $107 \bigcirc 100$

15. $98 \bigcirc 809$

16. $485 \bigcirc 508$

17. $199 \bigcirc 199$

Extra Practice**Worksheet N3**

Pages 6-7

Complete.

1. $1000 + 300 + 80 + 7 =$ _____
2. $6000 + 500 + 8 =$ _____
3. $9000 + 800 + 60 + 5 =$ _____
4. $8000 + 70 + 2 =$ _____
5. $3000 + 500 + 10 + 1 =$ _____
6. $2000 + 60 =$ _____
7. $500 + 10 + 1000 + 2 =$ _____
8. $4000 + 9 =$ _____
9. $8 + 200 + 6000 + 20 =$ _____
10. $400 + 3000 =$ _____

Compare.

11. 3875 ☐ 4392
12. 6701 ☐ 7601
13. 3489 ☐ 3849
14. 2654 ☐ 2645
15. 987 ☐ 1001
16. 4326 ☐ 3426
17. 3857 ☐ 3857
18. 2102 ☐ 2012
19. 648 ☐ 6048

Extra Practice**Worksheet M1**

Pages 8-9

Write the price.

1. 1 dime, 5 pennies = _____
2. 1 dime, 1 nickel = _____
3. 2 quarters = _____
4. 1 quarter, 1 nickel, 1 penny = _____
5. 4 quarters = _____
6. 3 quarters, 2 nickels, 4 pennies = _____
7. 2 dollars, 20 cents = _____
8. 3 dollars, 5 cents = _____

Compare.

9. \$5.02 ☐ \$4.99
10. \$3.98 ☐ \$3.89
11. \$6.75 ☐ \$6.77
12. \$7.45 ☐ \$8.04
13. \$0.10 ☐ 10¢
14. \$0.10 ☐ \$10

Name _____

Extra Practice

Worksheet N4

Pages 10-11

Complete.

1. $60\ 000 + 9\ 000 + 400 + 20 + 3 =$ _____
2. $700\ 000 + 50\ 000 + 1\ 000 + 80 + 4 =$ _____
3. $200\ 000 + 8\ 000 + 500 + 3 =$ _____
4. $100\ 000 + 100 + 9 =$ _____
5. $600\ 000 + 20\ 000 + 20 + 1 =$ _____
6. $500\ 000 + 4\ 000 + 2 =$ _____

Compare.

- | | |
|--|--|
| 7. $648\ 275$ <input type="text"/> $684\ 275$ | 8. $398\ 000$ <input type="text"/> $489\ 000$ |
| 9. $702\ 346$ <input type="text"/> $720\ 300$ | 10. $245\ 357$ <input type="text"/> $245\ 753$ |
| 11. $691\ 243$ <input type="text"/> $691\ 245$ | 12. $486\ 985$ <input type="text"/> $489\ 680$ |

Extra Practice

Worksheet N5

Pages 12-13

Round to the nearest ten.

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| 1. $512 \rightarrow$ _____ | 2. $356 \rightarrow$ _____ | 3. $889 \rightarrow$ _____ |
| 4. $1088 \rightarrow$ _____ | 5. $4832 \rightarrow$ _____ | 6. $2002 \rightarrow$ _____ |
| 7. $38\ 145 \rightarrow$ _____ | 8. $75\ 005 \rightarrow$ _____ | 9. $21\ 944 \rightarrow$ _____ |

Round to the nearest hundred.

- | | | |
|----------------------------------|----------------------------------|----------------------------------|
| 10. $6853 \rightarrow$ _____ | 11. $1708 \rightarrow$ _____ | 12. $2030 \rightarrow$ _____ |
| 13. $41\ 760 \rightarrow$ _____ | 14. $93\ 060 \rightarrow$ _____ | 15. $45\ 019 \rightarrow$ _____ |
| 16. $259\ 106 \rightarrow$ _____ | 17. $300\ 505 \rightarrow$ _____ | 18. $980\ 951 \rightarrow$ _____ |

Round to the nearest thousand.

- | | | |
|---------------------------------|---------------------------------|----------------------------------|
| 19. $21\ 008 \rightarrow$ _____ | 20. $12\ 975 \rightarrow$ _____ | 21. $489\ 502 \rightarrow$ _____ |
|---------------------------------|---------------------------------|----------------------------------|

Name _____

Extra Practice

Worksheet N6

Pages 14-15

Write the next ordinal.

- | | | |
|---------------|----------------|---------------|
| 1. 65th _____ | 2. 332nd _____ | 3. 24th _____ |
| 4. 99th _____ | 5. 107th _____ | 6. 43rd _____ |

Write in words.

- | |
|----------------|
| 7. 489th _____ |
| 8. 72nd _____ |
| 9. 151st _____ |
| 10. 23rd _____ |

What comes before?

- | | | |
|-----------------|----------------|-----------------|
| 11. _____ 50th | 12. _____ 31st | 13. _____ 100th |
| 14. _____ 998th | 15. _____ 40th | 16. _____ 202nd |

Extra Practice

Worksheet N7

Pages 16-17

Write the standard numeral.

- | | | |
|------------------|------------------|------------------|
| 1. XIX = _____ | 2. XXXVI = _____ | 3. XXIV = _____ |
| 4. XXVI = _____ | 5. LII = _____ | 6. LIX = _____ |
| 7. LXIV = _____ | 8. LXXII = _____ | 9. XCV = _____ |
| 10. LXXX = _____ | 11. XLVI = _____ | 12. XLIV = _____ |

Write the Roman numeral.

- | | | |
|----------------|----------------|----------------|
| 13. 23 = _____ | 14. 32 = _____ | 15. 71 = _____ |
| 16. 84 = _____ | 17. 45 = _____ | 18. 67 = _____ |
| 19. 98 = _____ | 20. 79 = _____ | 21. 55 = _____ |

Post-test**Unit 1**

Complete.

1. 49 48

2. 36 63

3. 57 71

4. 138 138

5. 457 475

6. 308 280

7. 6527 6258

8. 2875 3750

9. 6809 698

10. \$7.55 \$5.77

11. \$2.05 \$2.50

12. \$16.03 \$6.23

13. $600 + 40 + 9 =$ _____

14. $800 + 7 =$ _____

15. $5000 + 700 + 10 + 8 =$ _____

16. $3000 + 200 + 4 =$ _____

17. 3 quarters, 1 dime = _____

18. 18 dollars, 2 cents = _____

19. $10\ 000 + 5000 + 600 + 20 + 9 =$ _____

20. $40\ 000 + 700 + 10 + 8 =$ _____

21. $90\ 000 + 600 + 50 =$ _____

22. $800\ 000 + 4000 + 600 + 30 + 7 =$ _____

Round to the nearest ten.

23. $685 \rightarrow$ _____

24. $1098 \rightarrow$ _____

Round to the nearest hundred.

25. $2949 \rightarrow$ _____

26. $48\ 657 \rightarrow$ _____

Write as an ordinal.

27. 11 _____

28. 62 _____

29. 38 _____

30. 51 _____

31. 303 _____

Write the standard numeral.

32. IV = _____

33. XIX = _____

34. XXVI = _____

35. XC = _____

36. LXXXIII = _____

Pretest**Unit 2**

Add or subtract.

1. $\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	2. $\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	3. $\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	4. $\begin{array}{r} 8 \\ + 9 \\ \hline \end{array}$	5. $\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$
--	---	--	--	---

6. $5 + 8 = \underline{\quad}$	7. $4 + 9 = \underline{\quad}$	8. $10 - 7 = \underline{\quad}$	9. $18 - 9 = \underline{\quad}$
--------------------------------	--------------------------------	---------------------------------	---------------------------------

10. $\begin{array}{r} 41 \\ + 26 \\ \hline \end{array}$	11. $\begin{array}{r} 92 \\ + 7 \\ \hline \end{array}$	12. $\begin{array}{r} 35 \\ - 12 \\ \hline \end{array}$	13. $\begin{array}{r} 87 \\ - 36 \\ \hline \end{array}$	14. $\begin{array}{r} 48 \\ - 18 \\ \hline \end{array}$
---	--	---	---	---

15. $\begin{array}{r} 27 \\ + 9 \\ \hline \end{array}$	16. $\begin{array}{r} 43 \\ + 8 \\ \hline \end{array}$	17. $\begin{array}{r} 25 \\ + 5 \\ \hline \end{array}$	18. $\begin{array}{r} 36 \\ - 7 \\ \hline \end{array}$	19. $\begin{array}{r} 51 \\ - 4 \\ \hline \end{array}$
--	--	--	--	--

20. $\begin{array}{r} 2 \\ 6 \\ + 2 \\ \hline \end{array}$	21. $\begin{array}{r} 9 \\ 2 \\ + 8 \\ \hline \end{array}$	22. $\begin{array}{r} 5 \\ 4 \\ + 7 \\ \hline \end{array}$	23. $\begin{array}{r} 32 \\ 40 \\ + 26 \\ \hline \end{array}$	24. $\begin{array}{r} 67 \\ 1 \\ + 31 \\ \hline \end{array}$
--	--	--	---	--

25. $5 + 9 + 7 = \underline{\quad}$	26. $62 + 13 + 21 = \underline{\quad}$
-------------------------------------	--

27. $78 + 5 = \underline{\quad}$	28. $54 - 8 = \underline{\quad}$
----------------------------------	----------------------------------

29. $\begin{array}{r} 123 \\ + 362 \\ \hline \end{array}$	30. $\begin{array}{r} 481 \\ + 17 \\ \hline \end{array}$	31. $\begin{array}{r} 635 \\ + 103 \\ \hline \end{array}$	32. $\begin{array}{r} 825 \\ - 122 \\ \hline \end{array}$	33. $\begin{array}{r} 348 \\ - 206 \\ \hline \end{array}$
---	--	---	---	---

Solve.

34. Ellen had 10¢. She bought a charm for 8¢.
How much change did she get?

35. Steve answered 17 questions right and
8 wrong on his math test.
How many questions were there?

36. Jo had 88 candies. She ate 53 before she got sick.
How many does she still have?

Extra Practice**Worksheet A1**

Pages 22-23

Add or subtract.

1.
$$\begin{array}{r} 11 \\ - 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$$

11. $9 + 4 = \underline{\quad}$ 12. $10 - 1 = \underline{\quad}$ 13. $6 + 7 = \underline{\quad}$ 14. $12 - 5 = \underline{\quad}$

Solve.

15. Jerry has 8 marbles in his bag. He wants to buy 5 more.
-
- How many marbles would he have then?

16. Marsha bought a dozen cookies. She and a friend ate 7.
-
- How many cookies were left?

Extra Practice**Worksheet A2**

Pages 24-25

Add or subtract.

1.
$$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$$

11. $5 + 8 = \underline{\quad}$ 12. $17 - 8 = \underline{\quad}$ 13. $15 - 9 = \underline{\quad}$ 14. $18 - 9 = \underline{\quad}$

Solve.

15. Sharon took 15¢ to school to spend at the penny carnival.
-
- She spent 6¢ at the dart throw game. How much money
-
- does she have left?

Extra Practice**Worksheet A3**

Pages 26-27

Add.

$$\begin{array}{r} 1. \quad 44 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 63 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 17 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 52 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 23 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 41 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 60 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 44 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 45 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 67 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 23 \\ + 54 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 16 \\ + 32 \\ \hline \end{array}$$

Solve.

13. A mathematics test was in two parts. Jan scored 22 on Part A and 26 on Part B. What was her score for the whole test?

Extra Practice**Worksheet A4**

Pages 28-29

Add.

$$\begin{array}{r} 1. \quad 54 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 5 \\ + 76 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 64 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 5 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 35 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 89 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 78 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 2 \\ + 39 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 42 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 38 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 59 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 67 \\ + 7 \\ \hline \end{array}$$

Solve.

13. The school newspaper went on sale at noon on Monday. During the lunch hour 15 copies were sold. After school 6 more copies were sold. How many copies were sold that day?

Extra Practice**Worksheet A5**

Pages 30-31

Add.

1. $1 + 4 + 9 = \underline{\hspace{2cm}}$

2. $3 + 5 + 7 = \underline{\hspace{2cm}}$

3. $4 + 6 + 8 = \underline{\hspace{2cm}}$

4. $6 + 6 + 6 = \underline{\hspace{2cm}}$

5.
$$\begin{array}{r} 24 \\ 33 \\ + 11 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 16 \\ 50 \\ + 32 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 30 \\ 40 \\ + 20 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 32 \\ 32 \\ + 32 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 25 \\ 2 \\ + 31 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 6 \\ 32 \\ + 51 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 43 \\ 11 \\ + 5 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 9 \\ 9 \\ + 1 \\ \hline \end{array}$$

Extra Practice**Worksheet A6**

Pages 32-33

Subtract.

1.
$$\begin{array}{r} 59 \\ - 23 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 84 \\ - 31 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 35 \\ - 15 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 46 \\ - 24 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 87 \\ - 36 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 25 \\ - 14 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 63 \\ - 52 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 98 \\ - 91 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 38 \\ - 16 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 55 \\ - 33 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 29 \\ - 20 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 34 \\ - 14 \\ \hline \end{array}$$

Solve.

13. Some of the students from Viceroy School went on a bus trip. The bus had seats for 49 people. There were 35 children and 2 teachers going on the bus trip. How many empty seats were there?

Extra Practice**Worksheet A7**

Pages 34-35

Subtract.

$$\begin{array}{r} 1. \quad 93 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 42 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 75 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 61 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 82 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 30 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 54 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 51 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 23 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 67 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 32 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 51 \\ - 2 \\ \hline \end{array}$$

Solve.

13. I had 47¢.
I spent 9¢.
How much do I have left?

14. Dad gave me 36¢.
I lost 7¢.
How much do I have now?

Extra Practice**Worksheet A8**

Pages 36-37

Add.

$$\begin{array}{r} 1. \quad 243 \\ + 421 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 156 \\ + 433 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 620 \\ + 159 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 536 \\ + 452 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 5. \quad 469 \\ - 232 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 671 \\ - 250 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 859 \\ - 432 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 365 \\ - 141 \\ \hline \end{array}$$

Add or subtract.

$$\begin{array}{r} 9. \quad 344 \\ - 142 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 344 \\ + 142 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 655 \\ + 140 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 821 \\ - 601 \\ \hline \end{array}$$

Extra Practice**Worksheet PS2**

Pages 38-39

Solve.

1. Sheila had 97 on a history test and John had 75. How many points higher was Sheila's score?
2. Andre bought a 30¢ can of pop at the corner store. If he gave the clerk 50¢, how much change did he get?
3. Last night the temperature was 12°C . During the day it rose 15°C . What was the daytime temperature?
4. Joel bought three 12¢ stamps at the post office. How much did he pay for them?

Extra Practice**Worksheet M2**

Pages 40-41

Estimate. Check by measuring.

1. Air temperature near the ceiling of the classroom
2. Drinking fountain water temperature
3. Outside air temperature

Add or subtract the temperatures.

4. $21^{\circ}\text{C} + 8^{\circ}\text{C} = \underline{\hspace{2cm}}$
5. $29^{\circ}\text{C} - 6^{\circ}\text{C} = \underline{\hspace{2cm}}$
6. $33^{\circ}\text{C} + 24^{\circ}\text{C} = \underline{\hspace{2cm}}$
7. $98^{\circ}\text{C} - 46^{\circ}\text{C} = \underline{\hspace{2cm}}$
8. On Monday afternoon the temperature was 15°C . By evening it had dropped 2°C . What was the temperature then?

Post-test**Unit 2**

Add or subtract.

1.
$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 4 \\ + 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$$

6. $5 + 9 = \underline{\quad}$

7. $9 + 7 = \underline{\quad}$

8. $12 - 6 = \underline{\quad}$

9. $17 - 8 = \underline{\quad}$

10.
$$\begin{array}{r} 31 \\ + 43 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 15 \\ + 74 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 68 \\ - 6 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 62 \\ - 21 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 85 \\ - 44 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 38 \\ + 8 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 17 \\ + 9 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 6 \\ + 54 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 75 \\ - 8 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 32 \\ - 5 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 1 \\ 5 \\ + 4 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 8 \\ 7 \\ + 2 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 6 \\ 6 \\ + 6 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 25 \\ 31 \\ + 11 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 62 \\ 22 \\ + 12 \\ \hline \end{array}$$

25. $4 + 4 + 3 = \underline{\quad}$

26. $8 + 3 + 5 = \underline{\quad}$

27. $39 + 8 = \underline{\quad}$

28. $67 - 8 = \underline{\quad}$

29.
$$\begin{array}{r} 861 \\ + 135 \\ \hline \end{array}$$

30.
$$\begin{array}{r} 285 \\ + 304 \\ \hline \end{array}$$

31.
$$\begin{array}{r} 682 \\ - 462 \\ \hline \end{array}$$

32.
$$\begin{array}{r} 755 \\ - 503 \\ \hline \end{array}$$

33.
$$\begin{array}{r} 881 \\ - 671 \\ \hline \end{array}$$

Solve.

34. Ranjan saved 68¢. Her mother gave her 5¢.
How much money does she have?

35. There were 28 questions on the test.
Carlo got 9 wrong answers.
How many did he get right?

36. Jane had 89¢ in her piggy bank. Mario had 65¢ in his bank.
How much more money did Jane have?

Pretest**Unit 3**

Add.

$$\begin{array}{r} 1. \quad 27 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 88 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 328 \\ + 65 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 247 \\ + 314 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 67 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 98 \\ + 81 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 265 \\ + 542 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 381 \\ + 477 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 26 \\ 35 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 277 \\ 105 \\ + 209 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 32 \\ 64 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 356 \\ 21 \\ + 282 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 349 \\ + 267 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 518 \\ + 287 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 135 \\ 28 \\ + 96 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 304 \\ 416 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 3865 \\ + 2143 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 9178 \\ + 286 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 3575 \\ + 2446 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 7843 \\ + 1499 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 21. \quad 68 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 32 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 80 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 365 \\ - 127 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 435 \\ - 206 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 644 \\ - 484 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 700 \\ - 256 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 6532 \\ - 650 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 4857 \\ - 1909 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 7026 \\ - 5137 \\ \hline \end{array}$$

Round to the nearest ten.

31. $86 \rightarrow$ _____

32. $754 \rightarrow$ _____

33. $5695 \rightarrow$ _____

Round to the nearest hundred.

34. $945 \rightarrow$ _____

35. $2652 \rightarrow$ _____

Extra Practice**Worksheet A9**

Pages 46-47

Rewrite the number of ones as tens and ones.

1. 13 ones = ____tens + ____ones 2. 17 ones = ____tens + ____ones

3. 24 ones = ____tens + ____ones 4. 19 ones = ____tens + ____ones

5. 53 ones = ____tens + ____ones 6. 10 ones = ____tens + ____ones

7. 35 ones = ____tens + ____ones 8. 20 ones = ____tens + ____ones

Add.

9.
$$\begin{array}{r} 28 \\ + 7 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 35 \\ + 16 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 49 \\ + 43 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 4 \\ + 26 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 239 \\ + 146 \\ \hline \end{array}$$

14. A goaltender shut out opposing teams for the last 46 min of one game and the first 34 min of the following game. How many minutes did the goalie play without allowing any goals?

Extra Practice**Worksheet A10**

Pages 48-49

Rewrite the number as hundreds and tens.

1. 11 tens = ____hundreds + ____tens 2. 46 tens = ____hundreds + ____tens

3. 30 tens = ____hundreds + ____tens 4. 18 tens = ____hundreds + ____tens

Add.

5.
$$\begin{array}{r} 343 \\ + 182 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 256 \\ + 71 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 480 \\ + 390 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 544 \\ + 95 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 347 \\ + 261 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 182 \\ + 777 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 396 \\ + 112 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 68 \\ + 341 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 290 \\ + 675 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 328 \\ + 280 \\ \hline \end{array}$$

Extra Practice**Worksheet A11**

Pages 50-51

Rewrite as hundreds and tens.

1. 12 tens = ____hundred + ____tens

2. 19 tens = ____hundred + ____tens

3. 10 tens = ____hundred + ____tens

4. 25 tens = ____hundreds + ____tens

Add.

$$\begin{array}{r} 5. \quad 451 \\ + 269 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 278 \\ + 426 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 449 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 26 \\ + 274 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 398 \\ + 107 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 645 \\ + 172 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 381 \\ + 209 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 267 \\ + 575 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 348 \\ + 641 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 275 \\ + 276 \\ \hline \end{array}$$

Solve.

15. Sharon bowled two games and had scores of 227 and 235.
What was her total score?

Extra Practice**Worksheet A12**

Pages 52-53

Rewrite as thousands and hundreds.

1. 13 hundreds = ____ thousand + ____ hundreds

2. 43 hundreds = ____ thousands + ____ hundreds

Add.

$$\begin{array}{r} 3. \quad 836 \\ + 179 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 6237 \\ + 2894 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6065 \\ + 958 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 3384 \\ + 1996 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 2855 \\ + 5149 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 586 \\ + 8709 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6235 \\ + 2894 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 5359 \\ + 3848 \\ \hline \end{array}$$

Solve.

11. During his baseball career, Stan had 1988 hits, 5432 outs, and 857 walks. How many times was he at bat?

Extra Practice**Worksheet A13**

Page 54-55

Complete.

1. 8 tens = 7 tens + ____ones

2. 5 tens = 4 tens + ____ones

3. 3 tens + 4 ones = 2 tens + ____ones

4. 4 tens + 8 ones = 3 tens + ____ones

Subtract.

5.
$$\begin{array}{r} 52 \\ - 19 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 36 \\ - 7 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 95 \\ - 48 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 61 \\ - 44 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 23 \\ - 15 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 69 \\ - 58 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 47 \\ - 18 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 92 \\ - 36 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 84 \\ - 57 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 35 \\ - 26 \\ \hline \end{array}$$

Solve.

15. During the bareback-riding contest at the rodeo, Mel scored 81 points for his ride on Warpath. Jim scored 73 points for his ride on Scooter. By how many points did Mel win?

Extra Practice**Worksheet A14**

Pages 56-57

Subtract.

1.
$$\begin{array}{r} 284 \\ - 119 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 591 \\ - 375 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 693 \\ - 56 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 353 \\ - 144 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 287 \\ - 119 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 325 \\ - 206 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 285 \\ - 218 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 594 \\ - 87 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 653 \\ - 241 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 891 \\ - 246 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 355 \\ - 28 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 684 \\ - 62 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 735 \\ - 517 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 212 \\ - 9 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 655 \\ - 337 \\ \hline \end{array}$$

Solve.

16. During the hockey season, Wayne scored 132 points. Marcel scored 119 points. How many more points did Wayne score?

Extra Practice**Worksheet A15**

Pages 58-59

Regroup.

- 5 hundreds = 4 hundreds + ____ tens
- 3 hundreds + 3 tens = 2 hundreds + ____ tens
- 7 hundreds + 6 tens = ____ tens + 10 ones

Subtract.

- | | | | | |
|---|---|---|---|---|
| 4. $\begin{array}{r} 400 \\ - 156 \\ \hline \end{array}$ | 5. $\begin{array}{r} 600 \\ - 287 \\ \hline \end{array}$ | 6. $\begin{array}{r} 300 \\ - 76 \\ \hline \end{array}$ | 7. $\begin{array}{r} 500 \\ - 325 \\ \hline \end{array}$ | 8. $\begin{array}{r} 704 \\ - 326 \\ \hline \end{array}$ |
| 9. $\begin{array}{r} 808 \\ - 219 \\ \hline \end{array}$ | 10. $\begin{array}{r} 406 \\ - 257 \\ \hline \end{array}$ | 11. $\begin{array}{r} 205 \\ - 68 \\ \hline \end{array}$ | 12. $\begin{array}{r} 230 \\ - 115 \\ \hline \end{array}$ | 13. $\begin{array}{r} 648 \\ - 269 \\ \hline \end{array}$ |
| 14. $\begin{array}{r} 207 \\ - 191 \\ \hline \end{array}$ | 15. $\begin{array}{r} 845 \\ - 417 \\ \hline \end{array}$ | 16. $\begin{array}{r} 432 \\ - 245 \\ \hline \end{array}$ | 17. $\begin{array}{r} 861 \\ - 777 \\ \hline \end{array}$ | 18. $\begin{array}{r} 650 \\ - 83 \\ \hline \end{array}$ |

Extra Practice**Worksheet A16**

Pages 60-61

Regroup.

- 8 thousands = 7 thousands + ____ hundreds
- 4 thousands = 3 thousands + 9 hundreds + ____tens
- 5 thousands + 6 hundreds = 4 thousands + 15 hundreds + ____ tens

Subtract.

- | | | | |
|--|---|---|---|
| 4. $\begin{array}{r} 2060 \\ - 1247 \\ \hline \end{array}$ | 5. $\begin{array}{r} 1090 \\ - 389 \\ \hline \end{array}$ | 6. $\begin{array}{r} 5020 \\ - 2763 \\ \hline \end{array}$ | 7. $\begin{array}{r} 4050 \\ - 685 \\ \hline \end{array}$ |
| 8. $\begin{array}{r} 6004 \\ - 4117 \\ \hline \end{array}$ | 9. $\begin{array}{r} 3100 \\ - 567 \\ \hline \end{array}$ | 10. $\begin{array}{r} 5000 \\ - 652 \\ \hline \end{array}$ | 11. $\begin{array}{r} 8000 \\ - 2552 \\ \hline \end{array}$ |
| 12. $\begin{array}{r} 1000 \\ - 756 \\ \hline \end{array}$ | 13. $\begin{array}{r} 3000 \\ - 1991 \\ \hline \end{array}$ | 14. $\begin{array}{r} 4000 \\ - 2489 \\ \hline \end{array}$ | 15. $\begin{array}{r} 2000 \\ - 138 \\ \hline \end{array}$ |

Extra Practice**Worksheet A17**

Pages 62-63

Round to the nearest ten.

1. 16 → _____ 2. 49 → _____ 3. 82 → _____ 4. 55 → _____

Round to the nearest hundred.

5. 848 → _____ 6. 750 → _____ 7. 127 → _____ 8. 665 → _____

Round to the nearest thousand.

9. 2455 → _____ 10. 5340 → _____ 11. 3090 → _____

Solve.

12. In a rodeo saddle bronc competition, Jonah scored first 74 and then 67 points on his two rides. Estimate his total score.
13. Sophie's times in the barrel racing contest were 13 seconds and 18 seconds. Estimate her total time for the two rides.

Extra Practice**Worksheet PS3**

Pages 64-65

Solve.

1. In a dart game Linda scored 178 points and Terry scored 200. How many points did Terry get?
2. Howard made 74 home runs this season and 57 last season. How many home runs did he make in both seasons?
3. The attendance at Friday night's hockey game was 2678. The attendance at the Saturday night game was 3876. How many people attended on the two nights?
4. Last night the temperature was 25°C and this morning it is 11°C . How much did the temperature drop during the night?

Post-test

Unit 3

Add.

1.

78

+ 12
2.

47

+ 49
3.

256

+ 35
4.

827

+ 109
5.

48

+ 61
6.

87

+ 61
7.

349

+ 290
8.

864

+ 85
9.

15

27

+ 18
10.

259

12

+ 125
11.

65

31

+ 82
12.

450

277

+ 142
13.

78

+ 165
14.

359

+ 261
15.

88

43

+ 79
16.

256

147

+ 398
17.

2852

+ 3914
18.

6241

+ 3419
19.

826

+ 915
20.

6775

+ 1988

Subtract.

21.

47

— 19
22.

61

— 24
23.

90

— 38
24.

375

— 128
25.

962

— 437
26.

432

— 264
27.

907

— 448
28.

5826

— 1932
29.

8720

— 6943
30.

2005

— 487

Estimate the sum or difference.
Round each number to its first digit.

31.

426

+ 371
32.

2798

+ 987
33.

486

— 349
34.

6538

— 2649
35.

9861

— 985

Pretest**Unit 4**

1. Measure the line segment in millimetres.



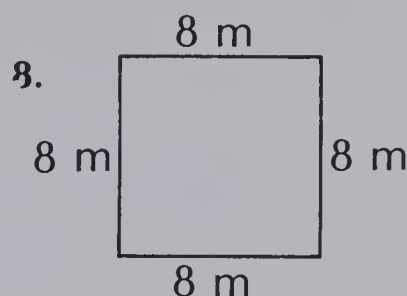
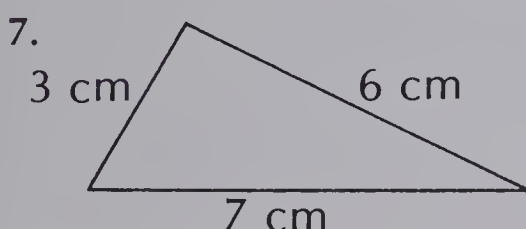
What unit of length would you use to measure:

2. the length of a ski 3. the distance from Ottawa to Montreal?

What is the missing number?

- 4.
- $7000 \text{ m} = \underline{\hspace{1cm}} \text{ km}$
- 5.
- $90 \text{ mm} = \underline{\hspace{1cm}} \text{ cm}$
- 6.
- $2 \text{ L} = \underline{\hspace{1cm}} \text{ mL}$

What is the perimeter of each figure?



Estimate the mass of each.

9. a steak
-
- 2 kg or 220 g 10. a watermelon
-
- 4 kg or 440 g 11. a grape
-
- 4 g or 4 kg

Write each amount as a numeral with a dollar sign.

- 12.
- $6\text{¢} = \underline{\hspace{1cm}}$
- 13.
- $39\text{¢} = \underline{\hspace{1cm}}$
- 14.
- $112\text{¢} = \underline{\hspace{1cm}}$

Write each amount as a numeral with a cent sign.

- 15.
- $\$0.05 = \underline{\hspace{1cm}}$
- 16.
- $\$0.75 = \underline{\hspace{1cm}}$
- 17.
- $\$1.25 = \underline{\hspace{1cm}}$

Add or subtract.

- | | | | |
|---|---|---|---|
| 18. $\begin{array}{r} \$3.25 \\ - 1.98 \\ \hline \end{array}$ | 19. $\begin{array}{r} \$9.52 \\ + 6.85 \\ \hline \end{array}$ | 20. $\begin{array}{r} \$43.15 \\ - 29.95 \\ \hline \end{array}$ | 21. $\begin{array}{r} \$68.24 \\ + 95.56 \\ \hline \end{array}$ |
|---|---|---|---|

What is the change?

22. for 37¢ from \$1.00 23. for \$4.95 from \$10.00

Estimate the capacity of each.

24. a fish bowl: 200 mL or 2 L 25. a nail polish bottle: 14 mL or 400 mL
-
26. a tube of toothpaste: 1 L or 150 mL

Extra Practice

Worksheet M3

Pages 70-71

Measure in millimetres.

1. _____ 2. _____ 3. _____ 4. _____

5. 

6. 

Draw a line segment of each of these lengths.

7. 3 mm 8. 17 mm 9. 94 mm

Copy and complete the equations.

10. 240 mm = _____ cm 11. 150 mm = _____ cm 12. 72 cm = _____ mm

Extra Practice

Worksheet M4

Pages 72-73



1 cm = 1 km

How far is it

1. from Bellport to Sommerville? _____
2. from Bellport to Amery? _____
3. from Barton to Orangeville? _____
4. from Orangeville to Amery? _____

Round each distance to the nearest hundred kilometres.

5. 862 km = _____
6. 741 km = _____
7. 6372 km = _____
8. 5555 km = _____
9. 256 km = _____
10. 9084 km = _____

Use the odometer readings to find the distance travelled on each trip.

Kenora

Rivière-Du-Loup

Whitehorse

11.

2	5	6	4
---	---	---	---

12.

3	9	8	1
---	---	---	---

13.

6	2	5
---	---	---

Regina

Gaspé

Calgary

3	3	4	0
---	---	---	---

4	4	8	0
---	---	---	---

3	0	1	0
---	---	---	---

Extra Practice



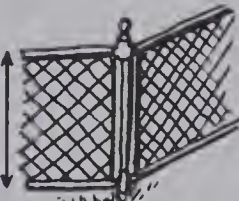
Worksheet M5

Pages 74-75

Copy and complete each equation.

1. $3 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$
2. $5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$
3. $9 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$
4. $400 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$
5. $120 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$
6. $8000 \text{ m} = \underline{\hspace{2cm}} \text{ km}$
7. $\underline{\hspace{2cm}} \text{ cm} = 70 \text{ mm}$
8. $\underline{\hspace{2cm}} \text{ km} = 5000 \text{ m}$
9. $\underline{\hspace{2cm}} \text{ m} = 300 \text{ cm}$
10. $\underline{\hspace{2cm}} \text{ m} = 9 \text{ km}$
11. $\underline{\hspace{2cm}} \text{ mm} = 45 \text{ cm}$
12. $\underline{\hspace{2cm}} \text{ cm} = 8 \text{ m}$
13. $740 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$
14. $\underline{\hspace{2cm}} \text{ m} = 900 \text{ cm}$
15. $12 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

Choose the closest measurement.

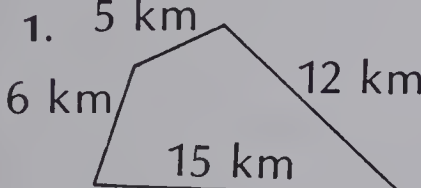

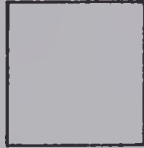
16. 
 - 8 cm
 - 8 mm
 - 8 m
17. 
 - 5000 cm
 - 5000 km
 - 5000 m
18. 
 - 1 m
 - 1 cm
 - 1 km

Extra Practice




Worksheet M6

Pages 76-77

What is the perimeter of each figure?

1. 
2. 
3. 

Measure each side. What is the perimeter of each figure?

4. 
5. 
6. 

Find the perimeters.

7. Square: 5 cm wide _____
8. Rectangle: 4 cm wide, 6 cm long _____
9. Square: 12 km wide _____
10. Rectangle: 9 km wide, 20 km long _____
11. Square: 22 m wide _____
12. Rectangle: 9 m wide, 12 m long _____
13. Square: 110 cm wide _____
14. Rectangle: 40 cm wide, 55 cm long _____

Extra Practice

Worksheet M7
Pages 78-79

Estimate and then measure the mass of these objects.

	Estimate	Actual
1. Eraser		
2. Pencil		
3. Math book		

	Estimate	Actual
4. Shoe		
5. Glass		
6. Cookie		

Find the sum in grams or kilograms.

7. $35\text{ g} + 85\text{ g} = \underline{\hspace{2cm}}$ 8. $267\text{ g} + 137\text{ g} = \underline{\hspace{2cm}}$ 9. $150\text{ g} + 423\text{ kg} = \underline{\hspace{2cm}}$
10. $9\text{ kg} + 59\text{ g} = \underline{\hspace{2cm}}$ 11. $345\text{ g} + 4\text{ kg} = \underline{\hspace{2cm}}$ 12. $5\text{ kg} + 5\text{ g} = \underline{\hspace{2cm}}$

Solve.

13. It costs 35¢ to send a 15 g letter to England by air mail, 63¢ to mail a 42 g letter, and 63¢ to mail a 48 g letter. How much does it cost to send all three letters?

Extra Practice

Worksheet M8
Pages 80-81

Write each amount in dollars.

1. $5¢ = \underline{\hspace{2cm}}$ 2. $34¢ = \underline{\hspace{2cm}}$ 3. $157¢ = \underline{\hspace{2cm}}$

Write each amount in cents.

4. $\$0.26 = \underline{\hspace{2cm}}$ 5. $\$0.09 = \underline{\hspace{2cm}}$ 6. $\$1.25 = \underline{\hspace{2cm}}$

Express each sum in dollars.

7. $\$6 + 82¢ = \underline{\hspace{2cm}}$ 8. $\$4 + 5¢ = \underline{\hspace{2cm}}$ 9. $\$42 + 17¢ = \underline{\hspace{2cm}}$

Round to the nearest dollar.

10. $\$7.38 = \underline{\hspace{2cm}}$ 11. $\$8.67 = \underline{\hspace{2cm}}$ 12. $\$80.50 = \underline{\hspace{2cm}}$
13. What is the value of three \$20.00 bills, plus one \$10.00 bill, plus one \$2.00 bill, plus three quarters and two dimes?

Extra Practice**Worksheet M9**

Pages 82-83

Add.

$$\begin{array}{r} 1. \quad \$5.37 \\ + 0.41 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$7.82 \\ + 6.09 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$5.99 \\ + 8.95 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$46.35 \\ + 7.27 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 5. \quad \$8.43 \\ - 0.27 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$7.38 \\ - 5.19 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$4.00 \\ - 1.95 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$66.71 \\ - 7.64 \\ \hline \end{array}$$

Add or subtract.

$$9. \$4.37 + \$3.48 = \underline{\hspace{2cm}} \quad 10. \$67.49 - \$35.88 = \underline{\hspace{2cm}} \quad 11. \$40.00 - \$19.95 = \underline{\hspace{2cm}}$$

$$12. \$8.73 - \$4.55 = \underline{\hspace{2cm}} \quad 13. \$73.12 + \$35.39 = \underline{\hspace{2cm}} \quad 14. \$74.25 + \$69.86 = \underline{\hspace{2cm}}$$

Solve.

15. Tim made long distance calls costing \$15.76 and \$20.65. How much did he spend altogether?

Extra Practice**Worksheet PS4**

Pages 84-85

Solve.

- Rosa bought a 55¢ ice cream cone and a 45¢ drink at a snack bar. How much did she have to pay?
- Bill went camping. His knapsack had a mass of 5 kg and his bedroll was 4 kg. His own mass was 37 kg. What was the total mass he had to move?
- Lloyd drove 35 km to the store, 20 km to the market, and 40 km back home. How far did he drive altogether?
- The Walsh's car can carry a total of 200 kg in a roof rack. Mr. Walsh measured the mass of the parcels to go on top. They were 68 kg, 32 kg, 50 kg, and 47 kg. Was that too much?
- What is the perimeter of Jerry's rectangular vegetable garden which measures 7 m long and 5 m wide?

Extra Practice**Worksheet M10**

Pages 86-87

Complete the sequences.

1. 10, 15, _____, _____, _____, 35

2. 20, 30, _____, _____, _____, 70

3. \$1.25, \$1.50, _____, _____, _____, \$2.50

4. \$3.80, \$3.90, _____, _____, _____, \$4.30

Express each amount in another way.

5. \$1.00 = 42¢ + _____ pennies + _____ quarters

6. 50¢ = 21¢ + _____ pennies + _____ nickels

7. \$2.00 = \$1.58 + _____ pennies + _____ dimes

Count the change.

8. for 83¢ from \$2.00

9. for 69¢ from \$5.00

10. for \$15.95 from \$20.00

Solve.

11. Joan bought a purse for \$2.87. She gave the clerk \$5.00. Count out the change she should get.

Extra Practice**Worksheet M11**

Pages 88-89

Estimate the capacity.

1. a thimble _____

2. a large tube of tooth paste _____

3. a small peanut butter jar _____

4. a large bucket _____

5. a large ice cream box _____

6. a bottle of floor polish _____

Do the following calculations.

7. 59 mL - 25 mL = _____

8. 453 mL + 513 mL = _____

9. 32 L - 26 L = _____

10. 82 mL + 6 L = _____

11. 7 L - 258 mL = _____

12. 2 L + 5 L + 350 mL = _____

Solve.

13. Peter drank two 284 mL cartons of milk. How many millilitres did he drink?

14. Mrs. Weimer used 250 mL of milk while she was making a cake. How much milk is left, if she started with 1 L?

Post-test**Unit 4**

Measure the line segment in millimetres.

1. 

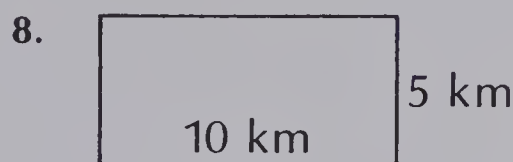
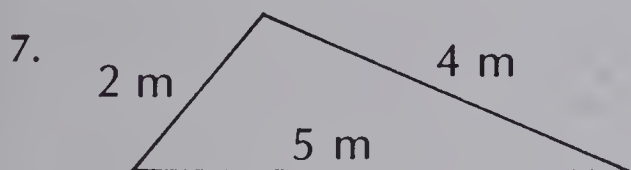
What unit of length would you use to measure:

2. the distance from Regina to Calgary 3. the length of a garage?

What is the missing number?

4. ____ km = 2000 m 5. 80 cm = ____ mm 6. 1 L = ____ mL

What is the perimeter of each figure?



Estimate the mass of each.

9. an eraser
1 kg or 10 g 10. a football player
90 kg or 900 g 11. your shoes
600 g or 6 kg

Write each amount as a numeral with a dollar sign.

12. 4¢ = ____ 13. 62¢ = ____ 14. 98¢ = ____

Write each amount as a numeral with a cent sign.

15. \$0.19 = ____ 16. \$0.02 = ____ 17. \$0.60 = ____

Add or subtract.

18. $\begin{array}{r} \$5.31 \\ - 2.95 \\ \hline \end{array}$ 19. $\begin{array}{r} \$6.47 \\ + 3.59 \\ \hline \end{array}$ 20. $\begin{array}{r} \$28.50 \\ - 12.84 \\ \hline \end{array}$ 21. $\begin{array}{r} \$16.25 \\ + 19.48 \\ \hline \end{array}$

What is the change?

22. for \$1.27 from \$2.00 23. for 28¢ from \$1.00

Estimate the capacity of each.

24. a can of paint: 5 L or 500 mL 25. a teapot: 500 mL or 5 L
26. a bottle of nail polish: 14 mL or 140 mL

Pretest**Unit 5**

Add or multiply.

1. $5 + 5 + 5 = \underline{\quad}$ 2. $3 \times 5 = \underline{\quad}$ 3. $7 + 7 = \underline{\quad}$ 4. $2 \times 7 = \underline{\quad}$

Write two multiplication facts.

5. $\begin{array}{cccc} \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ \end{array}$ _____

6. $\begin{array}{cccccccc} \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ & \circ & \circ \end{array}$ _____

7. $\begin{array}{cccccc} \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ \\ \circ & \circ & \circ & \circ & \circ & \circ \end{array}$ _____

Multiply.

8. $\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$ 9. $\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$ 10. $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$ 11. $\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$ 12. $\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$

13. $\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$ 14. $\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$ 15. $\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$ 16. $\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$ 17. $\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$

18. $\begin{array}{r} 0 \\ \times 5 \\ \hline \end{array}$ 19. $\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$ 20. $\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$ 21. $\begin{array}{r} 0 \\ \times 6 \\ \hline \end{array}$ 22. $\begin{array}{r} 7 \\ \times 0 \\ \hline \end{array}$

23. $\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$ 24. $\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$ 25. $\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$ 26. $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$ 27. $\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$

28. $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$ 29. $\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$ 30. $\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$ 31. $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$ 32. $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$

33. $\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$ 34. $\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$ 35. $\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$ 36. $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$ 37. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$

38. $\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$ 39. $\begin{array}{r} 6 \\ \times 10 \\ \hline \end{array}$ 40. $\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$ 41. $\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$ 42. $\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$

Extra Practice**Worksheet A18**

Pages 94-95

Add or multiply.

XXXXX

1. $5 + 5 + 5 + 5 = \underline{\hspace{2cm}}$

2. $4 \times 5 = \underline{\hspace{2cm}}$

XXXXX

XXXXX

3. $4 + 4 + 4 + 4 + 4 = \underline{\hspace{2cm}}$

4. $5 \times 4 = \underline{\hspace{2cm}}$

XXXXX

Draw an array.

5. 4×6

6. 7×3

Write the related multiplication fact.

7. $0 + 0 + 0 + 0 = 0$ _____

8. $7 + 7 + 7 + 7 + 7 = 35$ _____

Write the related addition sentence.

9. $3 \times 7 = 21$

10. $9 \times 5 = 45$

11. $7 \times 8 = 56$

Extra Practice**Worksheet A19**

Pages 96-97

Multiply.

1.
$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

Solve.

16. A school ordered 6 bags of clay. Each bag contains 3 kg of clay.
How much clay did the school order?

Extra Practice

Worksheet A20

Pages 98-99

Multiply.

1.

4

× 7
2.

3

× 4
3.

9

× 4
4.

4

× 8
5.

6

× 4
6.

5

× 5
7.

7

× 5
8.

5

× 3
9.

9

× 5
10.

5

× 8
11.

5

× 4
12.

2

× 5
13.

4

× 4
14.

6

× 5
15.

7

× 4

Solve.

16.

A quarter can be exchanged for 5 nickels. How many nickels will you get for 7 quarters?

Extra Practice

Worksheet A21

Pages 100-101

Complete the table.

1.

×	2	4	7	5	0	3	8	1	9	6
5										
1										
3										
2										
4										
0										

Solve.

2.

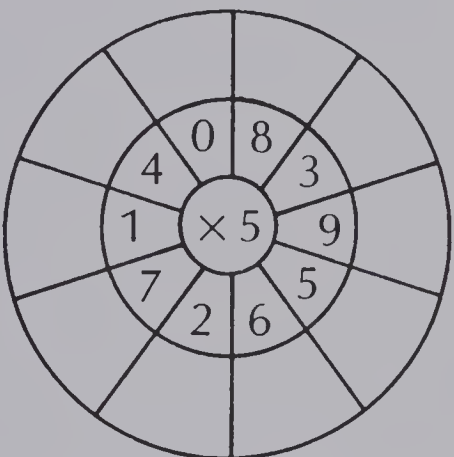
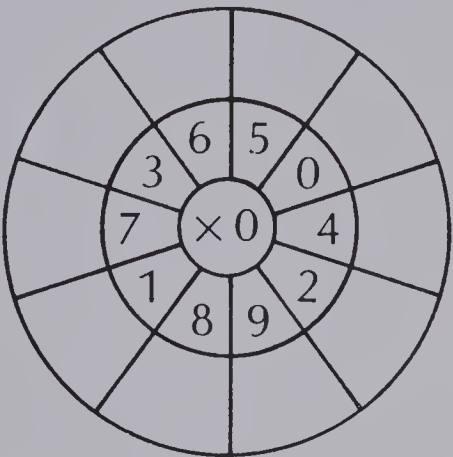
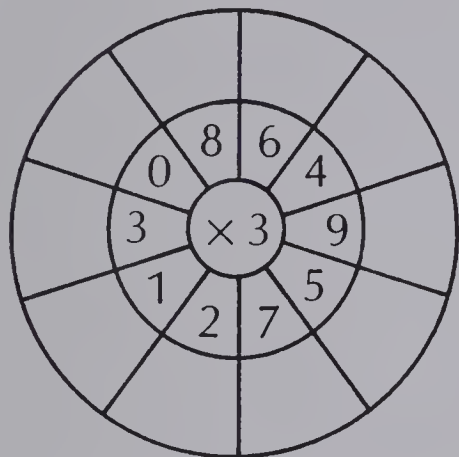
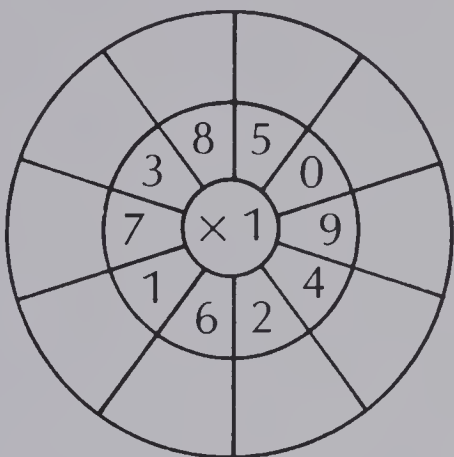
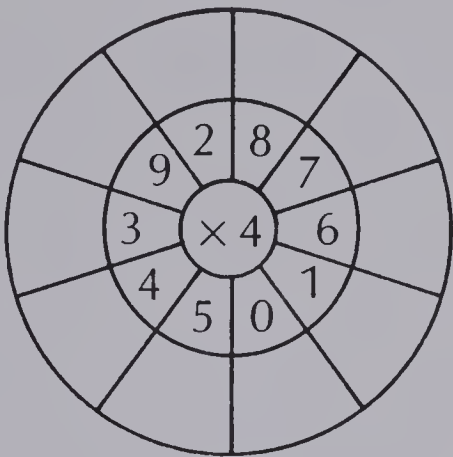
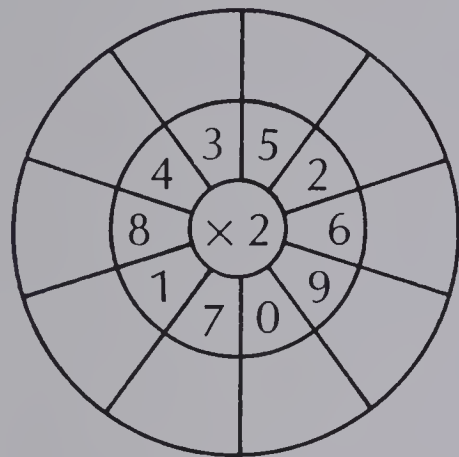
Discount Toys sells Goon Balls for \$1.00 each. How much will 6 cost?

Extra Practice

Worksheet A22

Pages 102-103

Multiply.



Extra Practice

Worksheet A23

Pages 104-105

Multiply.

1. 3
 $\times 6$

2. 6
 $\times 8$

3. 7
 $\times 6$

4. 6
 $\times 5$

5. 9
 $\times 6$

6. 4
 $\times 7$

7. 7
 $\times 5$

8. 8
 $\times 7$

9. 3
 $\times 7$

10. 7
 $\times 7$

11. 6
 $\times 6$

12. 9
 $\times 7$

13. 6
 $\times 7$

14. 6
 $\times 9$

15. 7
 $\times 4$

Solve.

16. Sports World packs six barbell pieces in one carton. Each piece has a mass of 5 kg. What is the total mass of the carton?

Extra Practice

Worksheet A24

Pages 106-107

Complete.

1.

×	3	9	0	7	2	5	4	1	6	8
4										
2										
7										
6										
9										
1										
5										
3										
8										
0										

Solve.

2. For a window display, there are 8 toys on one shelf. How many toys would there be on 6 shelves at that rate?

Extra Practice

Worksheet A25

Pages 108-109

Multiply.

1.

×	4	6	1	0	9	5	8	10	3	7	2
1											
10											

2. $10 \times 2 = \underline{\hspace{2cm}}$
3. $4 \times 10 = \underline{\hspace{2cm}}$
4. $10 \times 10 = \underline{\hspace{2cm}}$
5. $6 \times 10 = \underline{\hspace{2cm}}$
6. $10 \times 9 = \underline{\hspace{2cm}}$
7. $7 \times 10 = \underline{\hspace{2cm}}$

Solve.

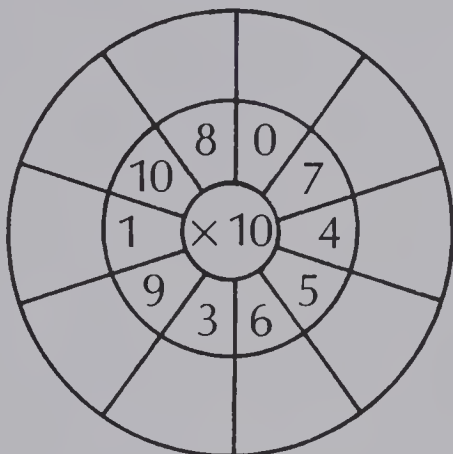
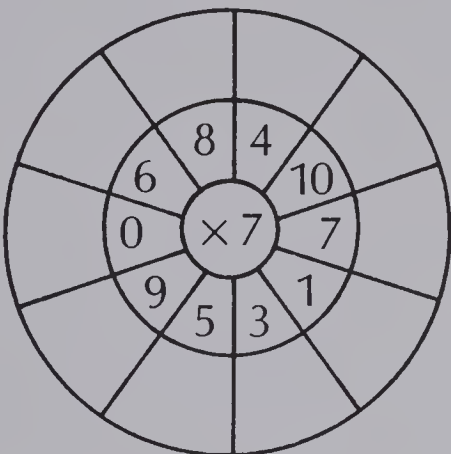
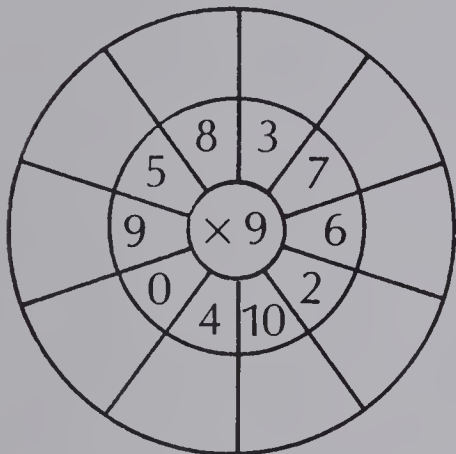
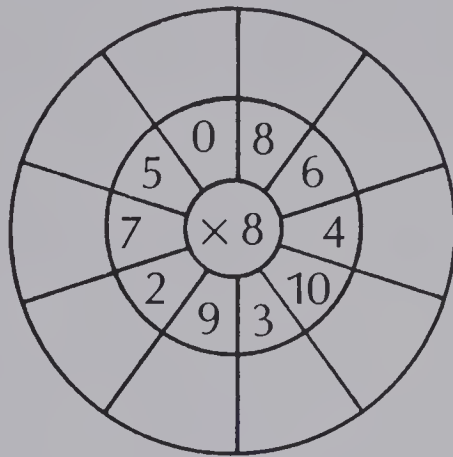
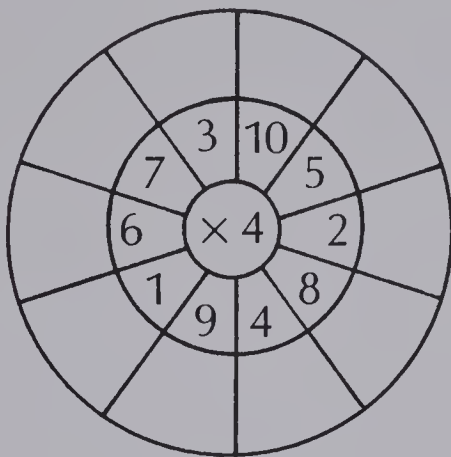
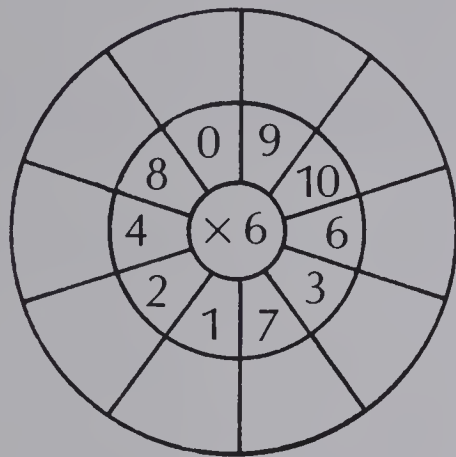
8. Goodtime Games pays its sales staff \$5.00 an hour. How much would a staff member earn after 10 h of work?

Extra Practice

Worksheet A26

Pages 110-111

Multiply.



Extra Practice

Worksheet PS5

Pages 112-113

Solve.

1. A toy company sells jig saw puzzles for \$3.00 each. How much does a set of 4 cost?
2. A box of crayons has 8 crayons in it. How many crayons are there in 7 boxes?
3. A toy company uses 2 m of rope to make a skipping rope. How much rope is needed to make 8 skipping ropes?
4. There are 8 posters in a series. If each poster costs \$3.00, how much does the whole series cost?

Post-test

Unit 5

Add or multiply.

1. $3 + 3 =$ _____

2. $2 \times 3 =$ _____

3. $8 + 8 + 8 =$ _____

4. $3 \times 8 =$ _____

Write two multiplication facts.

5.

○○○○○

○○○○○

○○○○○

○○○○○

○○○○○

○○○○○

○○○○○

6.

○○

○○

○○

○○

○○

○○

○○

○○

7.

○○○○○○

○○○○○○

○○○○○○

○○○○○○

○○○○○○

○○○○○○

○○○○○○

○○○○○○

○○○○○○

Multiply.

8.

7

× 3

9.

2

× 4

10.

3

× 3

11.

8

× 2

12.

6

× 3

13.

4

× 8

14.

6

× 5

15.

4

× 4

16.

5

× 9

17.

8

× 5

18.

0

× 6

19.

7

× 1

20.

0

× 0

21.

9

× 1

22.

0

× 4

23.

8

× 3

24.

2

× 9

25.

5

× 4

26.

3

× 7

27.

6

× 1

28.

6

× 6

29.

7

× 9

30.

8

× 6

31.

3

× 7

32.

7

× 8

33.

8

× 6

34.

9

× 9

35.

7

× 8

36.

9

× 6

37.

8

× 8

38.

2

× 10

39.

6

× 10

40.

10

× 7

41.

10

× 10

42.

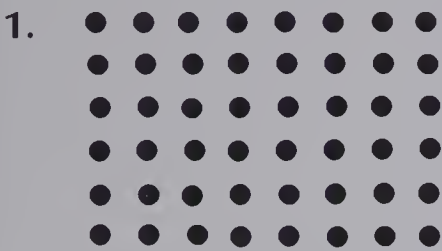
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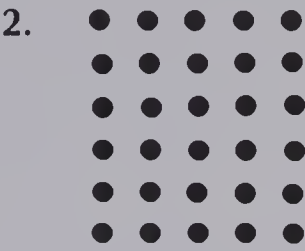
× 0

Pretest

Unit 6

Write two division facts for each array.





Write a division fact.

3. $6 \times 7 = 42$

4. $5 \times 9 = 45$

5. $7 \times 7 = 49$

Divide.

6. $2 \overline{)12}$

7. $3 \overline{)12}$

8. $2 \overline{)16}$

9. $3 \overline{)27}$

10. $2 \overline{)20}$

11. $5 \overline{)45}$

12. $4 \overline{)16}$

13. $5 \overline{)5}$

14. $4 \overline{)28}$

15. $5 \overline{)20}$

16. $1 \overline{)9}$

17. $5 \overline{)0}$

18. $1 \overline{)0}$

19. $4 \overline{)0}$

20. $1 \overline{)8}$

21. $7 \overline{)42}$

22. $6 \overline{)36}$

23. $7 \overline{)56}$

24. $7 \overline{)21}$

25. $6 \overline{)48}$

26. $8 \overline{)64}$

27. $9 \overline{)81}$

28. $9 \overline{)72}$

29. $8 \overline{)40}$

30. $9 \overline{)36}$

31. $10 \overline{)40}$

32. $10 \overline{)0}$

33. $10 \overline{)100}$

34. $10 \overline{)10}$

35. $10 \overline{)70}$

Solve.

36. An auditorium has 90 seats. There are 9 rows. How many seats are in each row?

37. Jeanine laid eight rows of tile across the floor. There are nine tiles in each row. How many tiles did she lay in all?

38. Nineteen sugar cookies and eight chocolate chip cookies were on a tray. Each of the Brant children ate 9 cookies. How many children do the Brants have?

Extra Practice

Worksheet A27

Pages 118-119

Write two division facts.

1.

□

□

□

□

□

□

2.

□

□

□

□

□

□

□

□

□

□

3.

□

□

□

□

□

□

□

□

4.

□

□

□

□

□

□

□

□

□

□

Draw an array.

5. $6 \div 3$

6. $24 \div 4$

Write a division fact.

7. $5 \times 2 = 10$ _____

8. $6 \times 7 = 42$ _____

Write a multiplication fact.

9. $15 \div 5 = 3$ _____

10. $35 \div 7 = 5$ _____

Extra Practice

Worksheet A28

Pages 120-121

Divide. Check by multiplying.

1. $2 \overline{)6}$

2. $2 \overline{)12}$

3. $2 \overline{)10}$

4. $2 \overline{)18}$

5. $3 \overline{)9}$

6. $3 \overline{)12}$

7. $3 \overline{)18}$

8. $3 \overline{)24}$

9. $2 \overline{)14}$

10. $3 \overline{)15}$

11. $2 \overline{)16}$

12. $3 \overline{)27}$

13. $18 \div 3 = \underline{\hspace{1cm}}$

14. $14 \div 2 = \underline{\hspace{1cm}}$

15. $21 \div 3 = \underline{\hspace{1cm}}$

16. $2 \div 2 = \underline{\hspace{1cm}}$

Solve.

17. At a birthday party, 16 hot dogs were eaten. If each child ate 2 hot dogs, how many children were at the party?

Extra Practice**Worksheet A29**

Pages 122-123

Divide, Check by multiplying.

1. $4 \overline{)4}$

2. $4 \overline{)16}$

3. $4 \overline{)28}$

4. $4 \overline{)32}$

5. $5 \overline{)15}$

6. $5 \overline{)25}$

7. $5 \overline{)30}$

8. $5 \overline{)45}$

9. $4 \overline{)20}$

10. $5 \overline{)35}$

11. $4 \overline{)36}$

12. $5 \overline{)20}$

13. $24 \div 4 = \underline{\quad}$

14. $50 \div 5 = \underline{\quad}$

15. $8 \div 4 = \underline{\quad}$

16. $40 \div 5 = \underline{\quad}$

Solve.

17. The fourth grade class collected 45 cans of food for baskets for the poor at Christmas time. They put 9 cans in each basket. How many baskets did they fill?

Extra Practice**Worksheet A30**

Pages 124-125

Divide. Check by multiplying.

1. $1 \overline{)3}$

2. $1 \overline{)4}$

3. $1 \overline{)7}$

4. $1 \overline{)10}$

5. $2 \overline{)0}$

6. $5 \overline{)0}$

7. $8 \overline{)0}$

8. $9 \overline{)0}$

9. $1 \overline{)1}$

10. $1 \overline{)0}$

11. $1 \overline{)9}$

12. $10 \overline{)0}$

13. $12 \div 1 = \underline{\quad}$

14. $0 \div 14 = \underline{\quad}$

15. $25 \div 1 = \underline{\quad}$

16. $0 \div 22 = \underline{\quad}$

Write a division fact. Solve.

17. 0 kg of chocolate
14 children to share it
How much for each child?

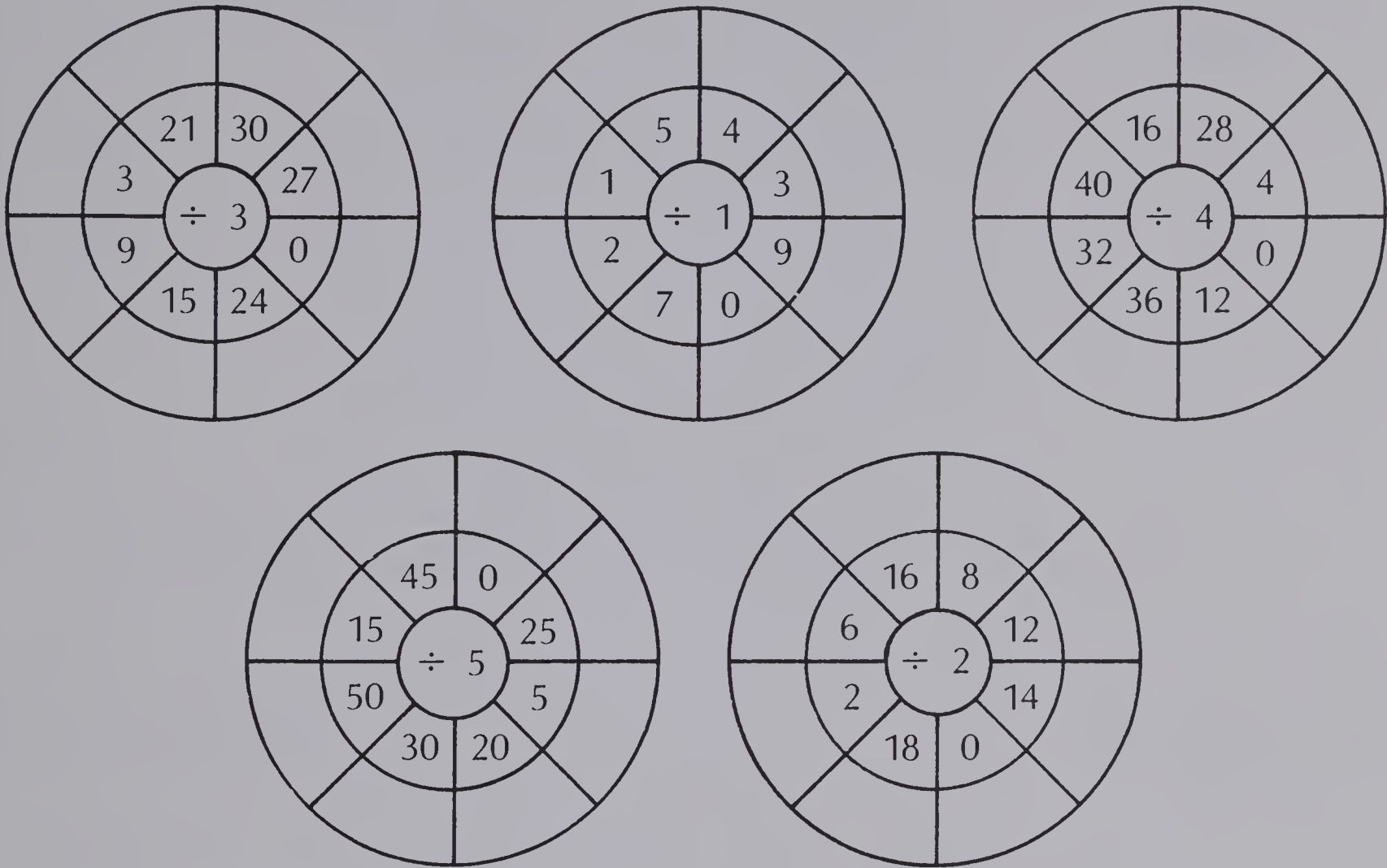
- 0 balloons
32 children to share them
How many for each child?

Extra Practice

Worksheet A31

Pages 126-127

Complete.



Extra Practice

Worksheet A32

Pages 128-129

Divide. Check by multiplying.

1. $6 \overline{)6}$
2. $6 \overline{)24}$
3. $6 \overline{)36}$
4. $6 \overline{)48}$
5. $7 \overline{)7}$
6. $7 \overline{)28}$
7. $7 \overline{)42}$
8. $7 \overline{)63}$
9. $6 \overline{)54}$
10. $7 \overline{)56}$
11. $6 \overline{)60}$
12. $7 \overline{)49}$
13. $35 \div 7 = \underline{\hspace{1cm}}$
14. $6 \div 1 = \underline{\hspace{1cm}}$
15. $0 \div 7 = \underline{\hspace{1cm}}$
16. $42 \div 6 = \underline{\hspace{1cm}}$

Solve.

17. In the average home about 14 hours a week are used for preparing food. How many hours a day is this?

Extra Practice**Worksheet A33**

Pages 130-131

Divide. Check by multiplying.

1. $8 \overline{)8}$

2. $8 \overline{)24}$

3. $8 \overline{)64}$

4. $8 \overline{)72}$

5. $9 \overline{)9}$

6. $9 \overline{)36}$

7. $9 \overline{)54}$

8. $9 \overline{)18}$

9. $8 \overline{)48}$

10. $9 \overline{)63}$

11. $8 \overline{)56}$

12. $9 \overline{)81}$

13. $27 \div 9 = \underline{\quad}$

14. $8 \div 1 = \underline{\quad}$

15. $0 \div 9 = \underline{\quad}$

16. $40 \div 8 = \underline{\quad}$

Solve.

17. Jane helps as a Candy Striper at the hospital. In 8 Saturdays she worked 32 hours. About how many hours did she work each Saturday?

Extra Practice**Worksheet A34**

Pages 132-133

Count by tens.

1. 10, 20, _____, _____, _____, _____, _____, _____, _____, 100.

2. 100, 90, _____, _____, _____, _____, _____, _____, _____, 10.

Divide. Check by multiplying.

3. $10 \overline{)10}$

4. $10 \overline{)30}$

5. $50 \div 10 = \underline{\quad}$

6. $20 \div 10 = \underline{\quad}$

7. $10 \overline{)90}$

8. $10 \overline{)60}$

9. $0 \div 10 = \underline{\quad}$

10. $80 \div 10 = \underline{\quad}$

11. $10 \overline{)40}$

12. $10 \overline{)70}$

Solve.

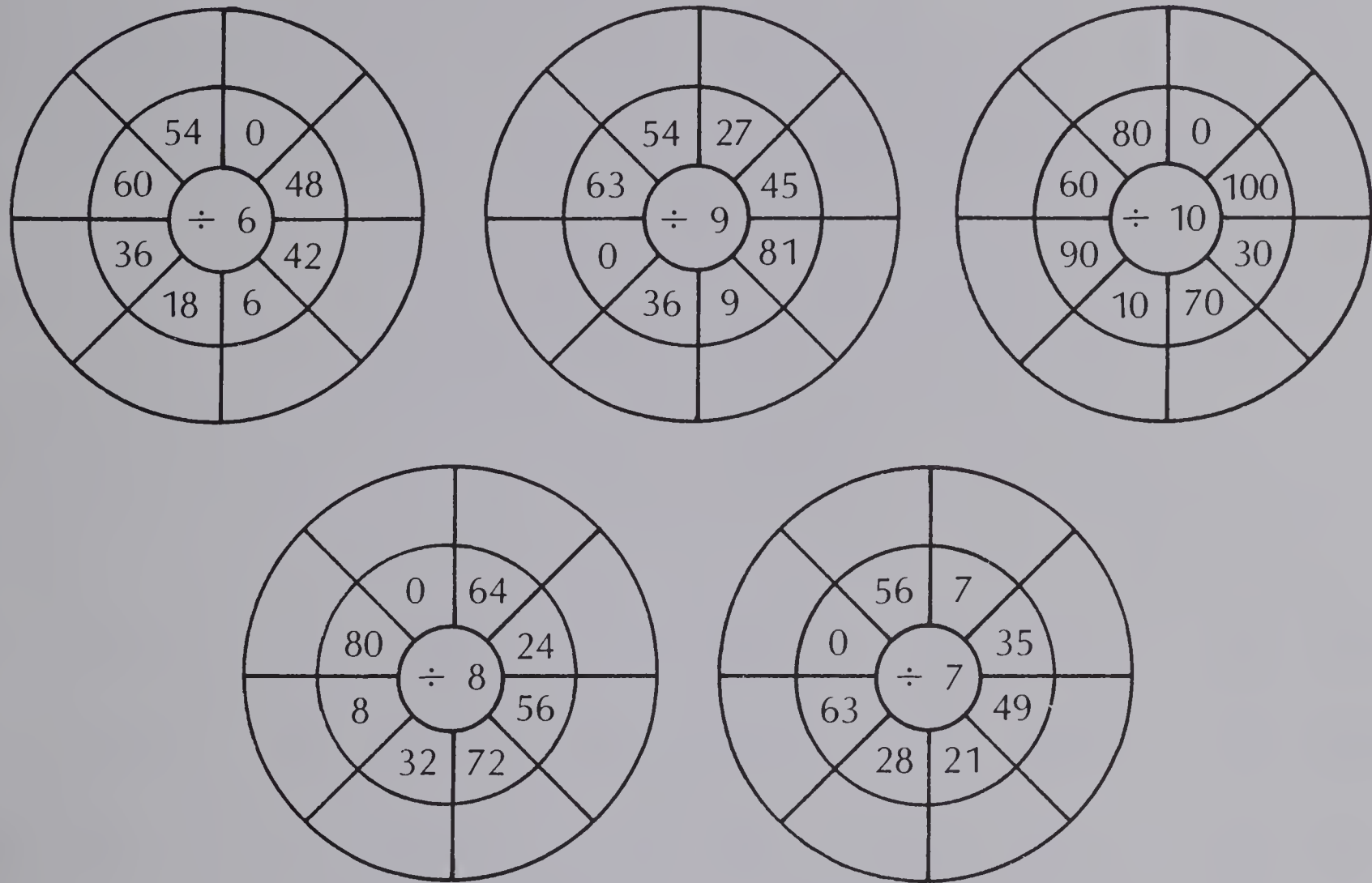
13. The audience at the spring concert sat in rows of 10. There were 100 people at the concert. How many rows were filled?

Extra Practice

Worksheet A35

Pages 134-135

Complete.



Extra Practice

Worksheet PS6

Pages 136-137

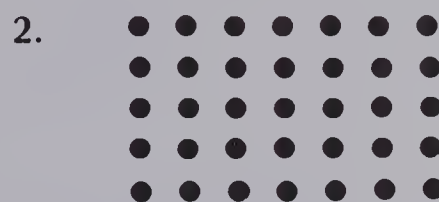
Solve.

1. Six handmade dolls sold for \$48. How much did each one cost?
2. Five people share a 10 kg gift of cheese. How much cheese does each person receive?
3. Sue's father had a birthday cake with 45 candles. The candles were arranged in 5 rows. How many were in each row?
4. Peter baked 3 tins of muffins. Each tin holds 8 muffins. How many muffins did he bake in all?
5. Mrs. Long has 36 long nails and 28 screws. She needs 4 screws for each shelf that she is fastening to the wall. How many shelves can she fasten to the wall?

Post-test**Unit 6**

Write two division facts for each array.





Write a division fact.

3. $8 \times 8 = 64$

4. $7 \times 4 = 28$

5. $9 \times 6 = 54$

Divide.

6. $3 \overline{)12}$

7. $2 \overline{)14}$

8. $3 \overline{)24}$

9. $2 \overline{)2}$

10. $3 \overline{)15}$

11. $4 \overline{)20}$

12. $5 \overline{)35}$

13. $4 \overline{)32}$

14. $5 \overline{)15}$

15. $4 \overline{)36}$

16. $4 \overline{)0}$

17. $1 \overline{)2}$

18. $1 \overline{)0}$

19. $1 \overline{)1}$

20. $7 \overline{)0}$

21. $6 \overline{)18}$

22. $7 \overline{)63}$

23. $7 \overline{)42}$

24. $6 \overline{)36}$

25. $7 \overline{)56}$

26. $9 \overline{)54}$

27. $8 \overline{)48}$

28. $8 \overline{)72}$

29. $9 \overline{)27}$

30. $8 \overline{)56}$

31. $10 \overline{)80}$

32. $10 \overline{)10}$

33. $10 \overline{)60}$

34. $10 \overline{)100}$

35. $10 \overline{)0}$

Solve.

36. Forty-nine cards are dealt to seven players.
How many cards does each player receive?

37. All the cards in a game are dealt to the 5 players. Each player has 8 cards. How many cards are there in all?

38. In a card game, Mary was dealt 3 hearts and 5 spades. She used all of these cards to make number pairs. How many pairs did she make?

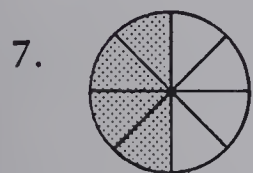
Pretest

Unit 7

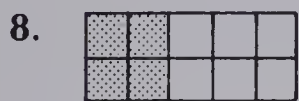
Write a fraction for the shaded part.



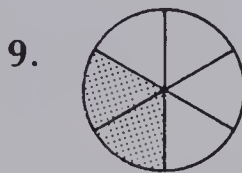
Complete the fraction.



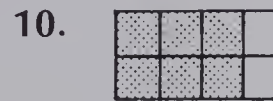
$$\frac{1}{2} = \frac{\quad}{8}$$



$$\frac{2}{5} = \frac{\quad}{10}$$



$$\frac{1}{3} = \frac{\quad}{6}$$



$$\frac{3}{4} = \frac{\quad}{8}$$

Use $<$ or $>$ to make a true statement.

11. $\frac{3}{7} \bigcirc \frac{5}{7}$

12. $\frac{3}{8} \bigcirc \frac{0}{8}$

13. $\frac{4}{5} \bigcirc \frac{3}{5}$

14. $\frac{5}{6} \bigcirc \frac{6}{6}$

Write a decimal for the shaded part.



Write as a decimal.

18. $\frac{5}{10} = \underline{\quad}$

19. $\frac{9}{10} = \underline{\quad}$

20. $\frac{18}{10} = \underline{\quad}$

21. $\frac{12}{10} = \underline{\quad}$

Complete.

22. 60 cm = $\underline{\quad}$ dm

23. 9 dm = $\underline{\quad}$ cm

24. 2 dm = $\underline{\quad}$ m

Add or subtract.

25.
$$\begin{array}{r} 8.3 \\ + 2.9 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 14.6 \\ + 7.6 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 2.6 \\ - 0.8 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 34.7 \\ - 5.8 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 20.1 \\ - 4.2 \\ \hline \end{array}$$

Solve.

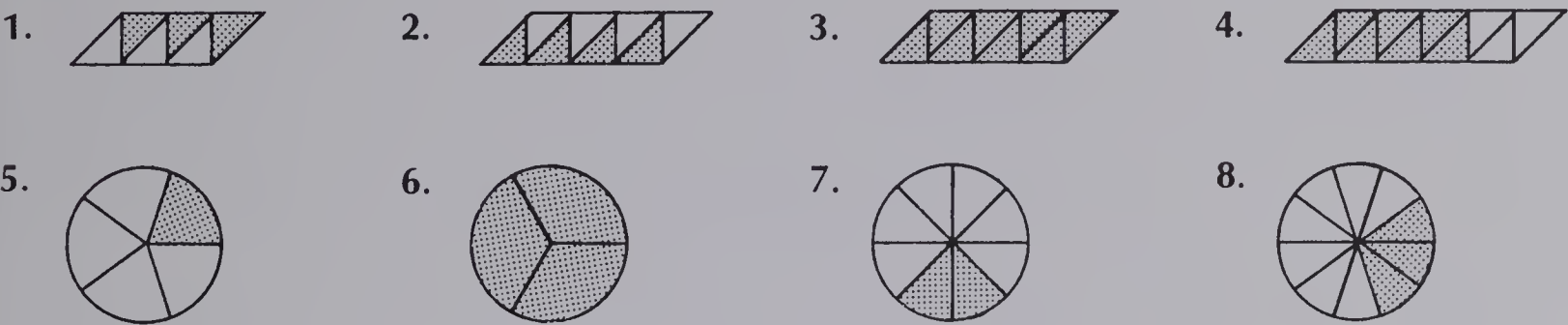
30. Jerry made a 2.8 m long jump on his first try. For his second try, he jumped 0.9 m more. How long was his second jump?

Extra Practice

Worksheet N8

Pages 142-143

Write a fraction for the shaded part.



Write a fraction for the unshaded part above.

9.

10.

11.

12.

13.

14.

15.

16.

17. A garden contains carrots, lettuce, and radishes.

C	C	C	C	C
L	L	L	L	R

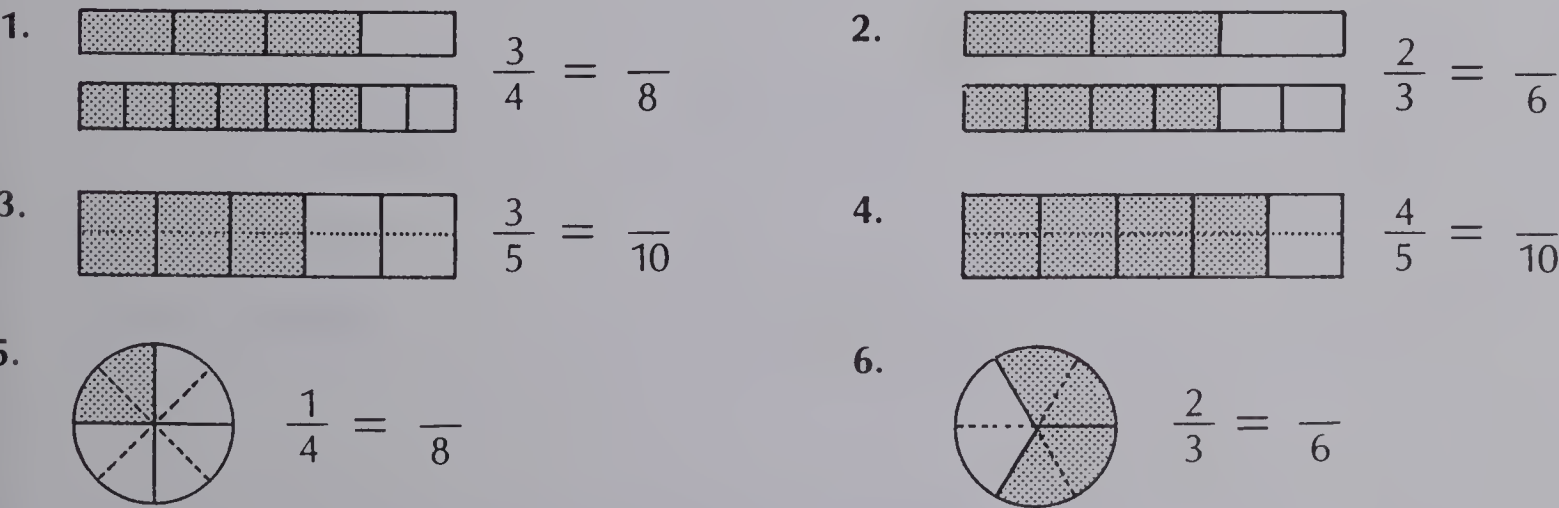
- a. What fraction of the garden has carrots?
- b. What fraction of the garden has lettuce?
- c. What fraction of the garden has radishes?

Extra Practice

Worksheet N9

Pages 144-145

Complete each equation.



Draw a picture to show the equivalent fractions.

7.

$\frac{1}{2} = \frac{5}{10}$

8.

$\frac{2}{2} = \frac{4}{4}$

Extra Practice

Worksheet N10

Pages 146-147

Use $<$ or $>$ to make a true statement.

1. $\frac{3}{8} \bigcirc \frac{4}{8}$
2. $\frac{4}{7} \bigcirc \frac{2}{7}$
3. $\frac{3}{10} \bigcirc \frac{7}{10}$
4. $\frac{4}{9} \bigcirc \frac{5}{9}$

Draw a picture to show each comparison statement.

5. $\frac{1}{4} < \frac{3}{4}$
6. $\frac{2}{3} < \frac{3}{3}$
7. $\frac{2}{5} > \frac{1}{5}$
8. $\frac{6}{8} < \frac{8}{8}$

Write the three fractions in order from least to greatest.


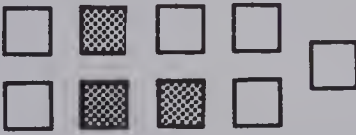

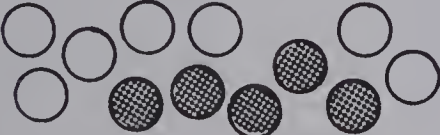


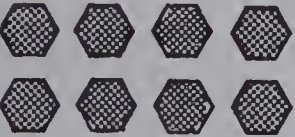
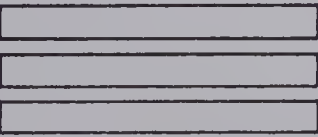

9. $\frac{3}{9}, \frac{2}{9}, \frac{4}{9}$ _____
10. $\frac{1}{2}, \frac{0}{2}, \frac{2}{2}$ _____
11. $\frac{4}{7}, \frac{2}{7}, \frac{3}{7}$ _____
12. $\frac{4}{11}, \frac{1}{11}, \frac{9}{11}$ _____
13. $\frac{5}{6}, \frac{1}{6}, \frac{6}{6}$ _____
14. $\frac{4}{10}, \frac{5}{10}, \frac{3}{10}$ _____

Extra Practice

Worksheet N11

Pages 148-149

What fraction of the set is shaded?

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 

Write the fraction.

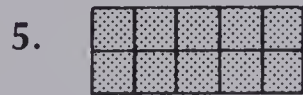
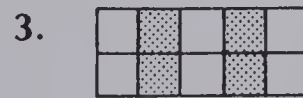
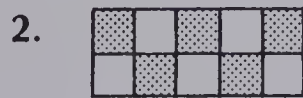
10. 3 of the 7 children like strawberry milkshakes. _____
11. 8 of the 10 girls can skate. _____
12. 5 of the 30 students are left-handed. _____

Extra Practice

Worksheet N12

Pages 150-151

Write the fraction and the decimal for the shaded part.



Write the fraction and the decimal.

7. three tenths _____ 8. one tenth _____ 9. ten tenths _____

10. There are ten Canadian provinces. Three of them are called Prairie Provinces. Write a decimal and a fraction that tells what part are Prairie Provinces.

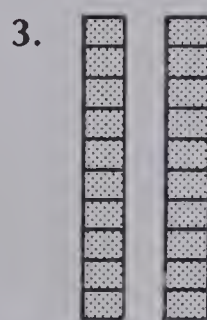
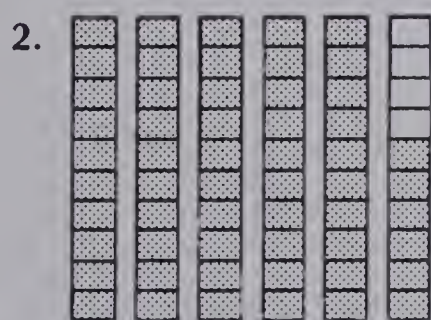
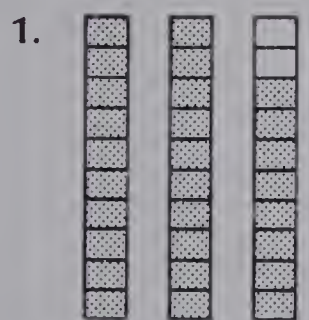
11. Six out of every ten people voted in an election. Write a decimal and a fraction that tells what part of the people voted.

Extra Practice

Worksheet N13

Pages 152-153

Write the fraction and the decimal for the shaded part.



Draw a picture of the fractions and decimals.

5. $\frac{17}{10}$

6. 4.5

7. 1.0

8. $\frac{50}{10}$

Use $<$, $=$, or $>$ to make a true statement.

9. $6.5 \bigcirc 5.6$

10. $3.7 \bigcirc 3.9$

11. $0.8 \bigcirc 8.0$

12. $9.0 \bigcirc 9$

Extra Practice

Worksheet M12

Pages 154-155

Complete the chart.

	metres	decimetres	centimetres
1.	1 m	_____	_____
2.	_____	1 dm	_____
3.	_____	_____	40 cm
4.	_____	6 dm	_____
5.	0.3 m	_____	_____
6.	_____	_____	70 cm
7.	0.9 m	_____	_____

Measure. How many decimetres? centimetres?

8. 

Extra Practice

Worksheet A36

Pages 156-157

Add.

1. $\begin{array}{r} 0.8 \\ + 0.3 \\ \hline \end{array}$

5. $\begin{array}{r} 476.1 \\ + 5.9 \\ \hline \end{array}$

9. $6.8 + 9.5 + 0.4$
2. $\begin{array}{r} 7.5 \\ + 4.9 \\ \hline \end{array}$

6. $\begin{array}{r} 82.4 \\ + 6.7 \\ \hline \end{array}$

10. $1.7 + 8.5 + 3.6$
3. $\begin{array}{r} 84.2 \\ + 7.7 \\ \hline \end{array}$

7. $\begin{array}{r} 634.6 \\ + 50.8 \\ \hline \end{array}$

11. $12.9 + 6.3 + 0.9$
4. $\begin{array}{r} 29.8 \\ + 7.6 \\ \hline \end{array}$

8. $\begin{array}{r} 261.5 \\ + 7.5 \\ \hline \end{array}$

Solve.

12. Before the Christmas holiday, Jerry’s mass was 34.8 kg. During the holiday, he gained 0.4 kg. What was his mass at the end of the holiday?

Extra Practice**Worksheet A37**

Pages 158-159

Subtract.

$$\begin{array}{r} 1. \quad 5.3 \\ - 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 7.4 \\ - 2.8 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 34.2 \\ - 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 69.7 \\ - 2.4 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 605.8 \\ - 41.7 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 80.0 \\ - 64.3 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 707.6 \\ - 428.8 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 300.5 \\ - 27.3 \\ \hline \end{array}$$

$$9. \quad 4.7 - 0.9$$

$$10. \quad 304.0 - 22.5$$

$$11. \quad 190.2 - 99.8$$

Solve.

12. Anne cut a piece 2.8 m long from a plank 5.3 m long. How much of the original plank was left?
13. Willis ran 400 m in 57.5 seconds. Joe ran the same distance in 61.3 seconds. How much longer did it take Joe to run the distance?

Extra Practice**Worksheet PS7**

Pages 160-161

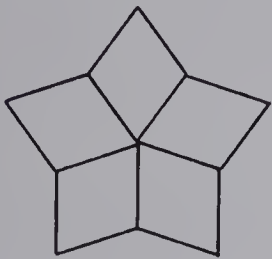
Solve.

1. In 1948, the Men's Freestyle Swimming Olympic record was 57.3 seconds. In 1968, it was 52.2 seconds. By how much did the time improve?
2. In 1948, the Women's 200 Metre Dash Olympic record was 24.4 seconds. In 1972, it was 22.4 seconds. What was the difference in time?
3. The price of regular gas increased by 4.2¢ a litre. If it was 45.5¢ a litre before the increase, find the new price.
4. John had a 3.5 m and 4.8 m piece of string. Does he have enough for an 8 m kite string?
5. On Monday, Jane's bean plant was 11.2 cm tall. It grew 6.5 cm in the next five days. How tall is it now?

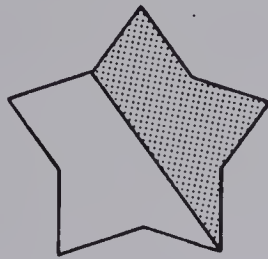
Post-test

Write a fraction for the shaded part.

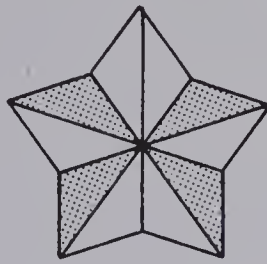
1.



2.



3.



4.



5.



6.



Complete the fraction.

7.



8.



9.



10.



$$\frac{1}{7} = \frac{\quad}{14}$$

$$\frac{2}{5} = \frac{\quad}{10}$$

$$\frac{2}{2} = \frac{\quad}{4}$$

$$\frac{1}{2} = \frac{\quad}{8}$$

Use $<$ or $>$ to make a true statement.

11. $\frac{3}{10} \bigcirc \frac{4}{10}$

12. $\frac{4}{4} \bigcirc \frac{3}{4}$

13. $\frac{6}{9} \bigcirc \frac{5}{9}$

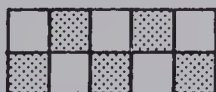
14. $\frac{0}{3} \bigcirc \frac{2}{3}$

Write a decimal for the shaded part.

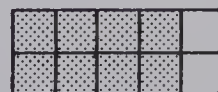
15.



16.



17.



Write as a decimal.

18. $\frac{6}{10} = \underline{\quad}$

19. $\frac{1}{10} = \underline{\quad}$

20. $\frac{14}{10} = \underline{\quad}$

21. $\frac{11}{10} = \underline{\quad}$

Complete.

22. 30 cm = $\underline{\quad}$ dm

23. 6 dm = $\underline{\quad}$ cm

24. 5 dm = $\underline{\quad}$ m

Add or subtract.

25.
$$\begin{array}{r} 2.6 \\ + 9.4 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 18.7 \\ + 5.8 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 4.5 \\ - 2.9 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 60.4 \\ - 0.8 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 23.7 \\ - 7.9 \\ \hline \end{array}$$

Solve.

30. How much less is a 5.2 kg basket of apples than a 7 kg basket of apples?

Pretest**Unit 8**

Compute.

1.
$$\begin{array}{r} 30 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 20 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 80 \\ \times 7 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 70 \\ \times 5 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 90 \\ \times 6 \\ \hline \end{array}$$

6. $4 \times (5 + 3) = \underline{\hspace{2cm}}$

7. $8 \times (2 + 6) = \underline{\hspace{2cm}}$

8. $6 \times (10 + 4) = \underline{\hspace{2cm}}$

9. $5 \times (40 + 30) = \underline{\hspace{2cm}}$

10.
$$\begin{array}{r} 24 \\ \times 2 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 52 \\ \times 4 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 73 \\ \times 3 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 91 \\ \times 8 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 62 \\ \times 3 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 57 \\ \times 3 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 26 \\ \times 4 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 63 \\ \times 5 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 29 \\ \times 6 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 75 \\ \times 8 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 300 \\ \times 3 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 500 \\ \times 7 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 200 \\ \times 9 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 800 \\ \times 5 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 900 \\ \times 6 \\ \hline \end{array}$$

Round the first number. Estimate the answer.

25.
$$\begin{array}{r} 42 \\ \times 6 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 79 \\ \times 9 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 18 \\ \times 5 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 247 \\ \times 2 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 713 \\ \times 3 \\ \hline \end{array}$$

Multiply.

30.
$$\begin{array}{r} 218 \\ \times 3 \\ \hline \end{array}$$

31.
$$\begin{array}{r} 425 \\ \times 2 \\ \hline \end{array}$$

32.
$$\begin{array}{r} 624 \\ \times 3 \\ \hline \end{array}$$

33.
$$\begin{array}{r} 917 \\ \times 5 \\ \hline \end{array}$$

34.
$$\begin{array}{r} 836 \\ \times 2 \\ \hline \end{array}$$

35.
$$\begin{array}{r} 254 \\ \times 6 \\ \hline \end{array}$$

36.
$$\begin{array}{r} 435 \\ \times 5 \\ \hline \end{array}$$

37.
$$\begin{array}{r} 846 \\ \times 3 \\ \hline \end{array}$$

38.
$$\begin{array}{r} 752 \\ \times 8 \\ \hline \end{array}$$

39.
$$\begin{array}{r} 564 \\ \times 4 \\ \hline \end{array}$$

40. $4 \times 5 \times 2 = \underline{\hspace{2cm}}$

41. $3 \times 4 \times 8 = \underline{\hspace{2cm}}$

42. $2 \times 6 \times 2 = \underline{\hspace{2cm}}$

43. $5 \times 6 \times 4 = \underline{\hspace{2cm}}$

44. Each of the 5 members of a team can collect about 30 bottle caps.
There are 6 teams. About how many bottle caps can they collect?

Extra Practice**Worksheet A38**

Pages 166 – 167

Multiply.

1.
$$\begin{array}{r} 20 \\ \times 6 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 40 \\ \times 5 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 30 \\ \times 8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 50 \\ \times 5 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 70 \\ \times 6 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 60 \\ \times 7 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 40 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 70 \\ \times 8 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 90 \\ \times 6 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 90 \\ \times 3 \\ \hline \end{array}$$

11. $9 \times 80 = \underline{\hspace{2cm}}$

12. $7 \times 9 \text{ tens} = \underline{\hspace{2cm}}$

13. $8 \times 40 = \underline{\hspace{2cm}}$

Solve.

14. There are 50 gum drops in one package. How many gum drops are there in 4 packages?

Extra Practice**Worksheet A39**

Pages 168 – 169

Compute.

1. $6 \times (4 + 4) = \underline{\hspace{2cm}}$

2. $8 \times (5 + 3) = \underline{\hspace{2cm}}$

3. $9 \times (6 + 3) = \underline{\hspace{2cm}}$

4. $7 \times (2 + 7) = \underline{\hspace{2cm}}$

5. $8 \times (4 + 5) = \underline{\hspace{2cm}}$

6. $5 \times (5 + 6) = \underline{\hspace{2cm}}$

7. $8 \times (7 + 5) = \underline{\hspace{2cm}}$

8. $9 \times (10 + 5) = \underline{\hspace{2cm}}$

9. $7 \times (20 + 30) = \underline{\hspace{2cm}}$

10. $6 \times (40 + 50) = \underline{\hspace{2cm}}$

11. $4 \times (40 + 20) = \underline{\hspace{2cm}}$

12. $60 \times (7 + 2) = \underline{\hspace{2cm}}$

Solve.

13. In a parking lot there are 5 rows of 20 cars on the east side and 3 rows of 20 cars on the west side. How many cars are there altogether?

Extra Practice**Worksheet A40**

Pages 170 – 171

Multiply.

1.
$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 31 \\ \times 3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 43 \\ \times 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 93 \\ \times 2 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 42 \\ \times 3 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 51 \\ \times 5 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 72 \\ \times 2 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 82 \\ \times 4 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 31 \\ \times 6 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 64 \\ \times 2 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 83 \\ \times 3 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 91 \\ \times 8 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 71 \\ \times 3 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 52 \\ \times 4 \\ \hline \end{array}$$

Solve.

16. The science class watched 3 films. Each was 13 minutes long. How long did the class watch the films?

Extra Practice**Worksheet A41**

Pages 172 – 173

Multiply.

1.
$$\begin{array}{r} 24 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 18 \\ \times 4 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 36 \\ \times 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 75 \\ \times 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 35 \\ \times 5 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 45 \\ \times 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 56 \\ \times 4 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 38 \\ \times 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 86 \\ \times 5 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 23 \\ \times 7 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 79 \\ \times 8 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 67 \\ \times 8 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 78 \\ \times 6 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 56 \\ \times 9 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 35 \\ \times 7 \\ \hline \end{array}$$

Solve.

16. Six loaves of bread were bought for a picnic. Each loaf had 25 slices. How many slices of bread were there altogether?

Extra Practice**Worksheet A42**

Pages 174 – 175

Multiply.

1.
$$\begin{array}{r} 200 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 300 \\ \times 3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 400 \\ \times 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 700 \\ \times 7 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 300 \\ \times 6 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 600 \\ \times 8 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 800 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 900 \\ \times 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 500 \\ \times 8 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 500 \\ \times 5 \\ \hline \end{array}$$

Round the first number. Estimate the answer.

11.
$$\begin{array}{r} 49 \\ \times 6 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 821 \\ \times 4 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 319 \\ \times 7 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 93 \\ \times 9 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 214 \\ \times 7 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 573 \\ \times 6 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 75 \\ \times 8 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 947 \\ \times 5 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 97 \\ \times 3 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 886 \\ \times 2 \\ \hline \end{array}$$

Extra Practice**Worksheet A43**

Pages 176 – 177

Multiply.

1.
$$\begin{array}{r} 216 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 308 \\ \times 4 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 139 \\ \times 2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 425 \\ \times 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 613 \\ \times 4 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 824 \\ \times 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 615 \\ \times 3 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 709 \\ \times 6 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 538 \\ \times 2 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 214 \\ \times 7 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 936 \\ \times 2 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 747 \\ \times 2 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 629 \\ \times 3 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 817 \\ \times 5 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 513 \\ \times 8 \\ \hline \end{array}$$

Solve.

16. Henry's Pea Soup comes in 227 mL tins. How many millilitres are there in 3 tins?

Name _____

Extra Practice

Worksheet A44

Pages 178 – 179

Multiply.

$$\begin{array}{r} 1. \quad 327 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 434 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 572 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 283 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 219 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 539 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 644 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 493 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 537 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 336 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 728 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 836 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 437 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 956 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 912 \\ \times 9 \\ \hline \end{array}$$

Solve.

16. One loaf of bread has a mass of 680 g. What is the mass of 6 loaves?

Extra Practice

Worksheet A45

Pages 180 – 181

Multiply.

$$1. \quad 3 \times 2 \times 2 = \underline{\quad}$$

$$2. \quad 3 \times 5 \times 4 = \underline{\quad}$$

$$3. \quad 4 \times 5 \times 6 = \underline{\quad}$$

$$4. \quad 6 \times 7 \times 5 = \underline{\quad}$$

$$5. \quad 7 \times 8 \times 0 = \underline{\quad}$$

$$6. \quad 7 \times 4 \times 3 = \underline{\quad}$$

$$7. \quad 9 \times 7 \times 4 = \underline{\quad}$$

$$8. \quad 8 \times 6 \times 8 = \underline{\quad}$$

$$9. \quad 3 \times 2 \times 9 = \underline{\quad}$$

$$10. \quad 2 \times 5 \times 10 = \underline{\quad}$$

$$11. \quad 6 \times 3 \times 9 = \underline{\quad}$$

$$12. \quad 2 \times 4 \times 80 = \underline{\quad}$$

Solve.

13. Eight pieces of cheese are individually wrapped in a package. Twelve packages are packed into a carton. How many pieces of cheese are in 4 cartons?

Extra Practice**Worksheet PS8**

Pages 182-183

Solve.

1. An employee stacked 60 boxes of sugar on a shelf. The display was 6 cartons high. How many boxes long was the display?
2. One carton of soap has 108 bars in it. How many bars of soap are there in 4 cartons?
3. Natasha earns \$42.00 a day. How much does she earn in 5 days?
4. Fred is supposed to stack 40 boxes of cereal in a space 88 cm wide on a shelf. Each box is 22 cm wide. How can Fred arrange the boxes?

Extra Practice**Worksheet M13**

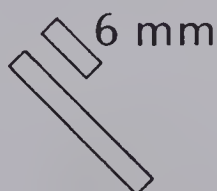
Pages 184-185

Compare the pairs of figures. Estimate the length of the second figure.

1. 2 cm



2.



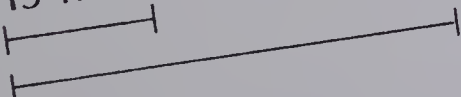
6 mm

3.

1 cm

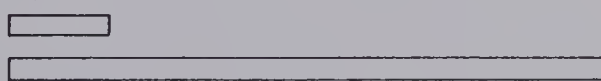


4. 15 mm



5.

1 cm



Round to the nearest ten. Estimate the answer.

6. $31 \text{ mm} + 39 \text{ mm} = \underline{\hspace{2cm}}$

7. $83 \text{ cm} - 52 \text{ cm} = \underline{\hspace{2cm}}$

8. $98 \text{ m} \times 2 = \underline{\hspace{2cm}}$

9. $147 \text{ km} \div 5 = \underline{\hspace{2cm}}$

Post-test

Compute.

$$\begin{array}{r} 1. \quad 40 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 50 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 80 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 40 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 90 \\ \times 7 \\ \hline \end{array}$$

$$6. \quad 5 \times (7 + 2) = \underline{\hspace{2cm}}$$

$$7. \quad 6 \times (3 + 5) = \underline{\hspace{2cm}}$$

$$8. \quad 7 \times (10 + 4) = \underline{\hspace{2cm}}$$

$$9. \quad 4 \times (60 + 30) = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 10. \quad 42 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 84 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 51 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 64 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 72 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 36 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 48 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 92 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 19 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 65 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 200 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 400 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 700 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 500 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 600 \\ \times 8 \\ \hline \end{array}$$

Round the first number. Estimate the answer.

$$\begin{array}{r} 25. \quad 53 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 68 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 19 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 188 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 407 \\ \times 9 \\ \hline \end{array}$$

Multiply.

$$\begin{array}{r} 30. \quad 619 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 31. \quad 535 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 32. \quad 424 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 33. \quad 816 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 34. \quad 737 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 35. \quad 364 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 36. \quad 246 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 37. \quad 754 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 38. \quad 671 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 39. \quad 936 \\ \times 6 \\ \hline \end{array}$$

$$40. \quad 3 \times 5 \times 4 = \underline{\hspace{2cm}}$$

$$41. \quad 2 \times 4 \times 7 = \underline{\hspace{2cm}}$$

$$42. \quad 4 \times 6 \times 3 = \underline{\hspace{2cm}}$$

$$43. \quad 8 \times 4 \times 2 = \underline{\hspace{2cm}}$$

44. Maria measured the window in her kitchen. It is 83.7 cm by 67.7 cm. Estimate the perimeter of the window to the nearest 10 cm.

Pretest**Unit 9**

1. $3\overline{)27}$
2. $2\overline{)16}$
3. $8\overline{)48}$
4. $7\overline{)49}$
5. $9\overline{)36}$
6. $4\overline{)19}$
7. $5\overline{)37}$
8. $3\overline{)25}$
9. $9\overline{)57}$
10. $6\overline{)32}$
11. $2\overline{)40}$
12. $3\overline{)90}$
13. $6\overline{)120}$
14. $7\overline{)140}$
15. $5\overline{)250}$
16. $4\overline{)48}$
17. $2\overline{)66}$
18. $7\overline{)77}$
19. $3\overline{)96}$
20. $4\overline{)84}$
21. $2\overline{)32}$
22. $6\overline{)72}$
23. $4\overline{)72}$
24. $8\overline{)96}$
25. $5\overline{)85}$
26. $3\overline{)49}$
27. $6\overline{)88}$
28. $2\overline{)97}$
29. $7\overline{)85}$
30. $6\overline{)75}$
31. $3\overline{)153}$
32. $6\overline{)126}$
33. $5\overline{)355}$
34. $2\overline{)188}$
35. $4\overline{)168}$
36. $2\overline{)174}$
37. $6\overline{)390}$
38. $5\overline{)285}$
39. $9\overline{)396}$
40. $8\overline{)288}$
41. $6\overline{)241}$
42. $3\overline{)259}$
43. $6\overline{)437}$
44. $9\overline{)479}$
45. $5\overline{)386}$

Extra Practice**Worksheet A46**

Pages 190-191

Divide.

1. $2\overline{)4}$

2. $3\overline{)6}$

3. $5\overline{)5}$

4. $6\overline{)0}$

5. $4\overline{)20}$

6. $6\overline{)42}$

7. $8\overline{)72}$

8. $7\overline{)56}$

9. $3\overline{)27}$

10. $8\overline{)32}$

11. $5\overline{)45}$

12. $9\overline{)54}$

13. $8\overline{)64}$

14. $4\overline{)36}$

15. $6\overline{)36}$

16. $7\overline{)63}$

17. $8\overline{)40}$

18. $5\overline{)35}$

19. $7\overline{)49}$

20. $6\overline{)54}$

Extra Practice**Worksheet A47**

Pages 192-193

1. $2\overline{)9}$

2. $3\overline{)8}$

3. $4\overline{)9}$

4. $5\overline{)9}$

5. $3\overline{)22}$

6. $4\overline{)29}$

7. $5\overline{)28}$

8. $6\overline{)23}$

9. $8\overline{)50}$

10. $6\overline{)59}$

11. $7\overline{)54}$

12. $9\overline{)85}$

13. $7\overline{)60}$

14. $5\overline{)37}$

15. $4\overline{)37}$

16. $4\overline{)38}$

17. $6\overline{)44}$

18. $9\overline{)70}$

19. $5\overline{)47}$

20. $8\overline{)70}$

Extra Practice

Worksheet A48
Pages 194-195

Divide.

1. $2\overline{)20}$

2. $3\overline{)90}$

3. $4\overline{)80}$

4. $5\overline{)50}$
5. $4\overline{)160}$

6. $5\overline{)300}$

7. $6\overline{)480}$

8. $7\overline{)560}$
9. $3\overline{)60}$

10. $8\overline{)320}$

11. $6\overline{)60}$

12. $9\overline{)630}$
13. $8\overline{)640}$

14. $9\overline{)720}$

15. $9\overline{)450}$

16. $6\overline{)360}$

Extra Practice

Worksheet A49
Pages 196-197

Divide.

1. $1\overline{)11}$

2. $2\overline{)24}$

3. $3\overline{)39}$

4. $4\overline{)44}$
5. $2\overline{)46}$

6. $3\overline{)63}$

7. $4\overline{)84}$

8. $5\overline{)50}$
9. $8\overline{)88}$

10. $4\overline{)48}$

11. $3\overline{)96}$

12. $2\overline{)84}$
13. $9\overline{)99}$

14. $7\overline{)77}$

15. $5\overline{)55}$

16. $3\overline{)66}$

Extra Practice**Worksheet A50**

Pages 198-199

Divide.

1. $2 \overline{)34}$

2. $3 \overline{)42}$

3. $4 \overline{)56}$

4. $5 \overline{)60}$

5. $2 \overline{)58}$

6. $3 \overline{)54}$

7. $4 \overline{)68}$

8. $7 \overline{)91}$

9. $2 \overline{)76}$

10. $3 \overline{)78}$

11. $4 \overline{)76}$

12. $5 \overline{)85}$

13. $6 \overline{)96}$

14. $8 \overline{)96}$

15. $7 \overline{)98}$

16. $5 \overline{)65}$

Extra Practice**Worksheet A51**

Pages 200-201

Divide.

1. $2 \overline{)27}$

2. $3 \overline{)62}$

3. $4 \overline{)45}$

4. $6 \overline{)69}$

5. $3 \overline{)53}$

6. $4 \overline{)75}$

7. $7 \overline{)84}$

8. $5 \overline{)73}$

9. $2 \overline{)83}$

10. $8 \overline{)97}$

11. $3 \overline{)82}$

12. $9 \overline{)98}$

13. $6 \overline{)91}$

14. $4 \overline{)67}$

15. $8 \overline{)71}$

16. $5 \overline{)54}$

Extra Practice**Worksheet A52**

Pages 202-203

Divide.

1. $2 \overline{)124}$

2. $3 \overline{)156}$

3. $4 \overline{)128}$

4. $3 \overline{)246}$

5. $4 \overline{)204}$

6. $6 \overline{)246}$

7. $5 \overline{)355}$

8. $9 \overline{)729}$

9. $7 \overline{)497}$

10. $8 \overline{)480}$

11. $6 \overline{)366}$

12. $2 \overline{)188}$

13. $6 \overline{)126}$

14. $5 \overline{)255}$

15. $8 \overline{)408}$

16. $9 \overline{)549}$

Extra Practice**Worksheet A53**

Pages 204-205

Divide.

1. $2 \overline{)136}$

2. $3 \overline{)114}$

3. $4 \overline{)172}$

4. $3 \overline{)285}$

5. $6 \overline{)276}$

6. $8 \overline{)296}$

7. $5 \overline{)395}$

8. $9 \overline{)684}$

9. $7 \overline{)483}$

10. $8 \overline{)680}$

11. $9 \overline{)891}$

12. $6 \overline{)354}$

13. $6 \overline{)504}$

14. $9 \overline{)576}$

15. $5 \overline{)435}$

16. $7 \overline{)644}$

Extra Practice**Worksheet A54**

Pages 206-207

Divide.

1. $2 \overline{)119}$
2. $3 \overline{)125}$
3. $4 \overline{)170}$
4. $4 \overline{)246}$
5. $5 \overline{)281}$
6. $6 \overline{)227}$
7. $7 \overline{)476}$
8. $8 \overline{)679}$
9. $9 \overline{)723}$
10. $7 \overline{)392}$
11. $9 \overline{)661}$
12. $5 \overline{)459}$
13. $6 \overline{)345}$
14. $4 \overline{)381}$
15. $8 \overline{)583}$
16. $7 \overline{)600}$

Extra Practice**Worksheet PS9**

Pages 208-209

Solve.

1. A strawberry shortcake costs \$5.50. A Boston cream pie costs \$4.20.
How much more does the shortcake cost?
2. A loaf of Nature Bread has a mass of 680 g. What is the mass of
4 loaves of Nature Bread?
3. A dozen honey donuts cost \$3.20. A dozen chocolate donuts cost \$3.80.
How much do they cost together?
4. A loaf of bread has 26 slices. How many double-decker
sandwiches can you make from one loaf?

Post-test**Unit 9**

1. $2 \overline{)18}$

2. $6 \overline{)42}$

3. $7 \overline{)63}$

4. $5 \overline{)45}$

5. $4 \overline{)28}$

6. $8 \overline{)68}$

7. $9 \overline{)82}$

8. $3 \overline{)23}$

9. $6 \overline{)34}$

10. $5 \overline{)39}$

11. $3 \overline{)90}$

12. $6 \overline{)180}$

13. $7 \overline{)420}$

14. $2 \overline{)160}$

15. $5 \overline{)450}$

16. $3 \overline{)96}$

17. $5 \overline{)55}$

18. $4 \overline{)84}$

19. $2 \overline{)64}$

20. $9 \overline{)99}$

21. $4 \overline{)72}$

22. $8 \overline{)96}$

23. $7 \overline{)91}$

24. $5 \overline{)75}$

25. $2 \overline{)58}$

26. $3 \overline{)71}$

27. $7 \overline{)85}$

28. $5 \overline{)67}$

29. $8 \overline{)99}$

30. $4 \overline{)63}$

31. $6 \overline{)246}$

32. $2 \overline{)148}$

33. $4 \overline{)168}$

34. $9 \overline{)189}$

35. $5 \overline{)405}$

36. $2 \overline{)158}$

37. $8 \overline{)336}$

38. $3 \overline{)258}$

39. $7 \overline{)224}$

40. $6 \overline{)414}$

41. $4 \overline{)173}$

42. $9 \overline{)296}$

43. $2 \overline{)171}$

44. $3 \overline{)172}$

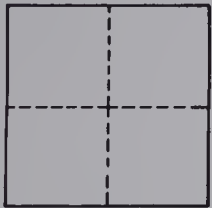
45. $5 \overline{)214}$

Pretest

Unit 10

What is the area?

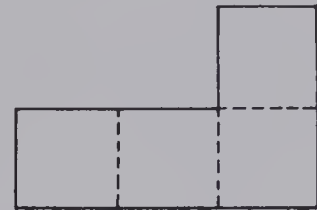
1.



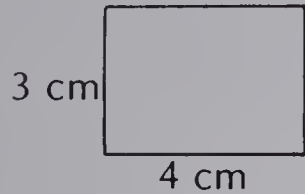
2.



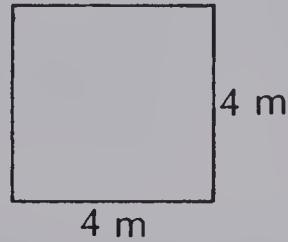
3.



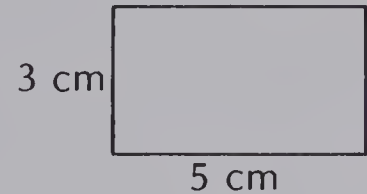
4.



5.

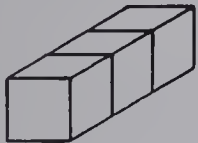


6.

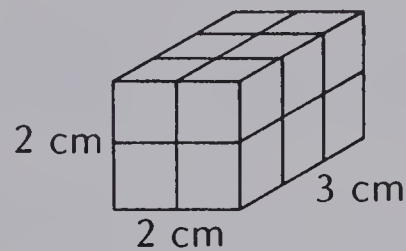


What is the volume?

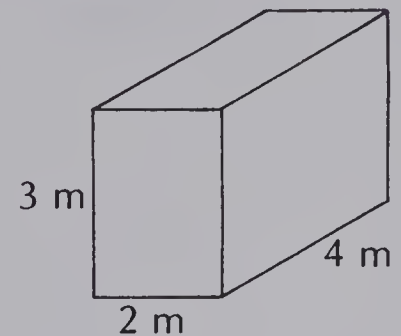
7.



8.



9.



What is the average?

10. 6, 4, 2

11. 20, 30, 40, 50, 60

Complete each ratio.

12. fingers to hands: ____ to ____

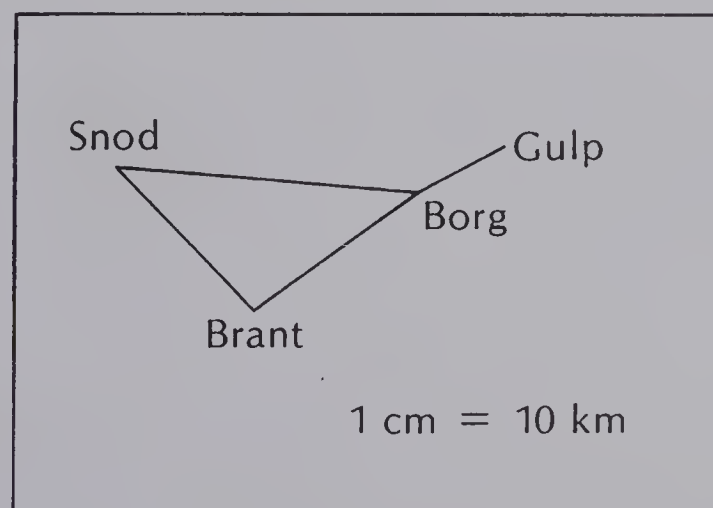
13. wheels to bicycles: ____ to ____

Write each distance.

14. Snod to Brant: _____

15. Borg to Snod: _____

16. Snod to Gulp: _____



Complete.

17. one year = ____ months

18. one hour = ____ minutes

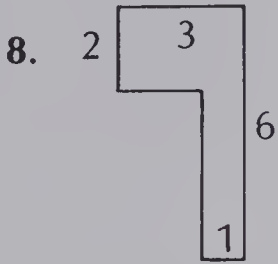
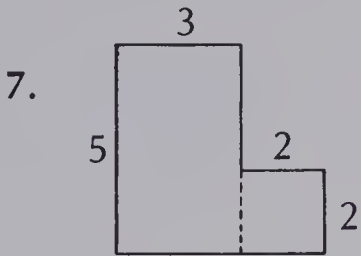
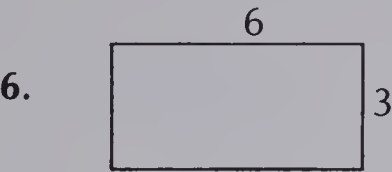
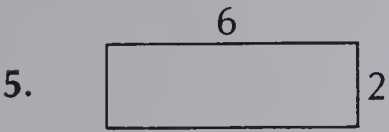
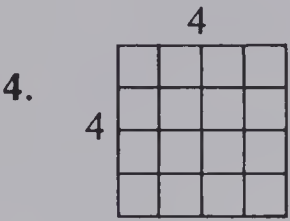
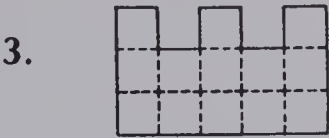
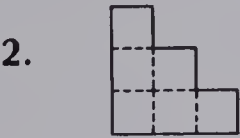
19. 8 P.M. = ____:00

Extra Practice

Worksheet M14

Pages 214-215

Find each area.

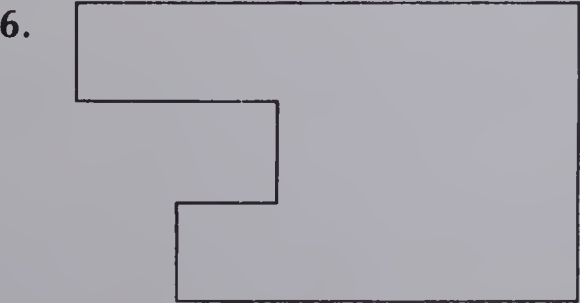
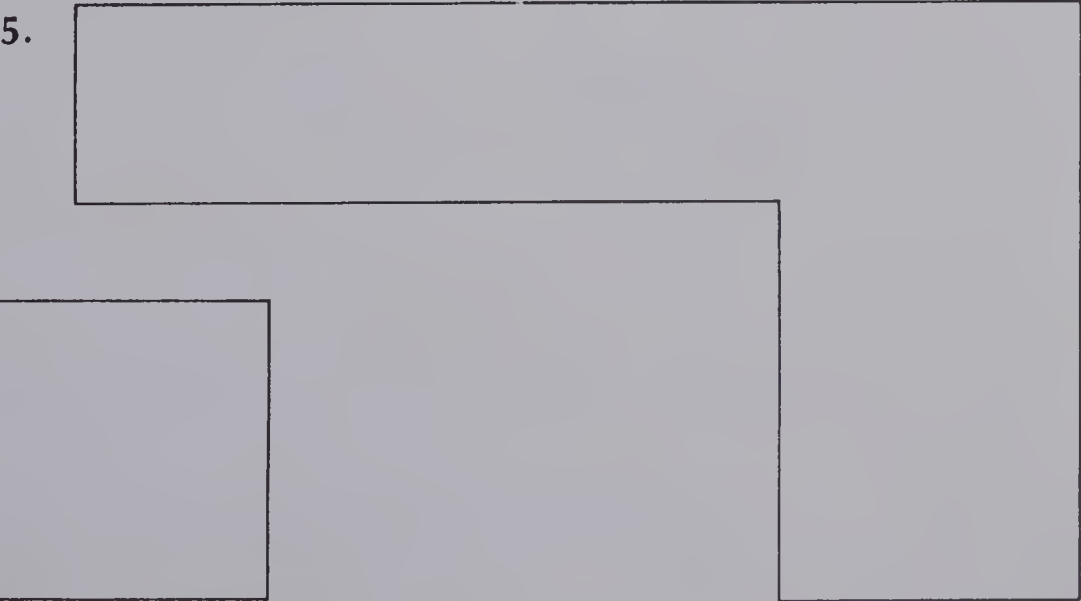
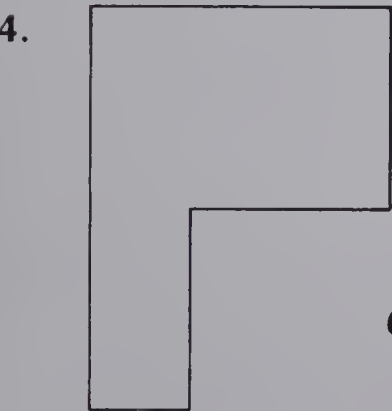
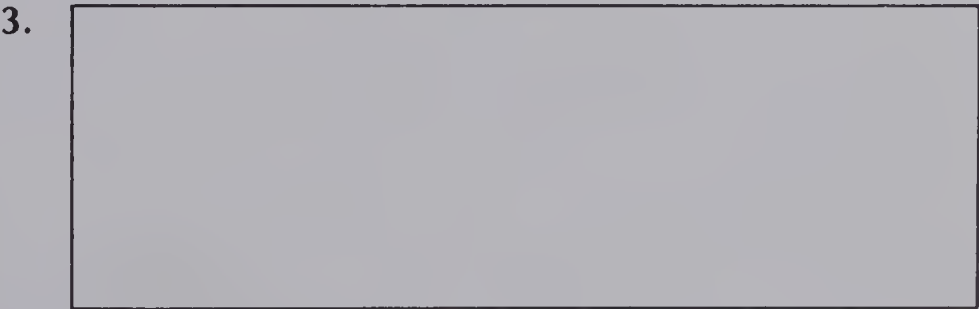
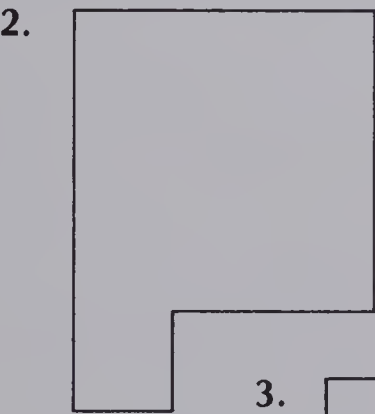
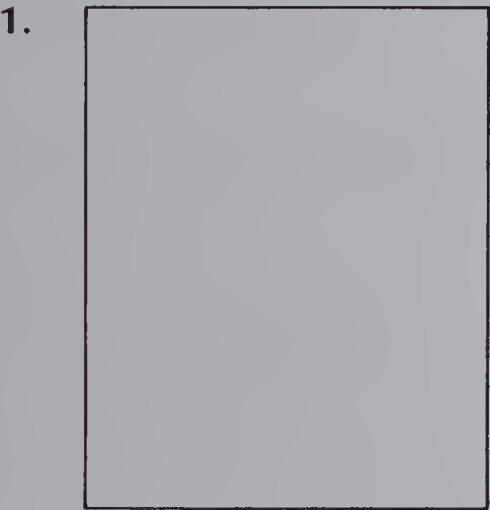


Extra Practice

Worksheet M15

Pages 216-217

Measure the sides of each figure and calculate the area.



Extra Practice**Worksheet M16**

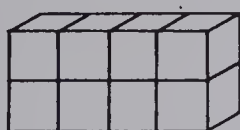
Pages 218-219

What is the volume of each solid?

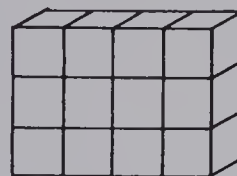
1.



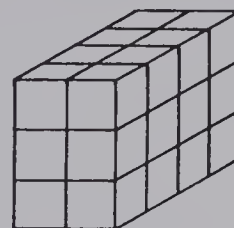
2.



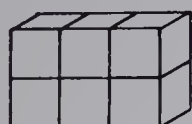
3.



4.



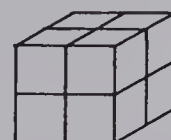
5.



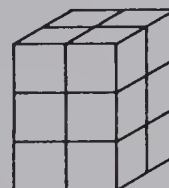
6.



7.



8.



Solve.

9. A box has 4 cubes in one layer. There are 5 layers. What is the volume?
10. A box has 5 layers. Each layer has 10 cubes. What is the volume?

Extra Practice**Worksheet M17**

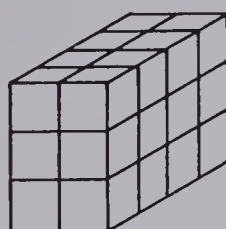
Pages 220-221

What is the volume?

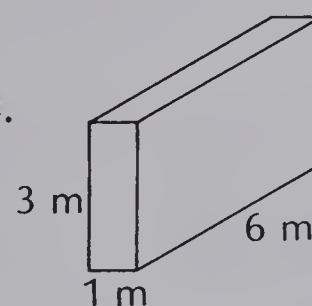
1.



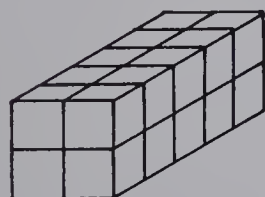
2.



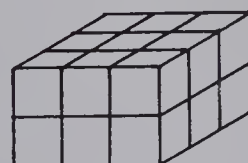
3.



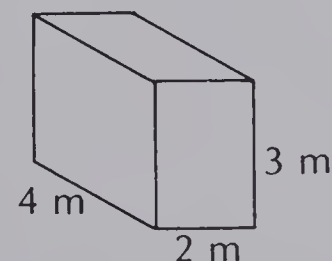
4.



5.



6.



Solve.

7. One layer of a box has 4 cubic centimetres. The box has 4 layers. How many cubic centimetres in all?
8. Each layer of a box measures 4 cm by 2 cm. It is 4 cm high. What is the volume of the box?

Extra Practice

Worksheet A55
Pages 222-223

Find the average.

1.

2

5

+ 8
2.

4

7

8

+ 9
3.

3

5

7

+ 9
4.

4

7

9

10

+ 15
5.

18

22

+ 20
6.

7

5

+ 6
7.

1

3

7

+ 9
8.

4

5

7

+ 8
9.

5

10

15

25

+ 30
10.

50

300

500

600

+ 100

Solve.

11. Nancy read for 5 minutes on Thursday, 10 minutes on Friday, 20 minutes on Saturday, and 25 minutes on Sunday. How long did she read each day, on the average?

Extra Practice

Worksheet A56
Pages 224-225

What is the ratio?

1. socks to people : ____ to ____

2. days to weeks : ____ to ____
3. eggs to dozens : ____ to ____

Solve.

4. How many socks for 5 people?

5. How many days in 3 weeks?
6. How many eggs in 7 dozen? _____
7. At Joey’s house there are 2 people per bedroom. There are 6 people in the family. How many bedrooms do they have?

Extra Practice

Worksheet M18

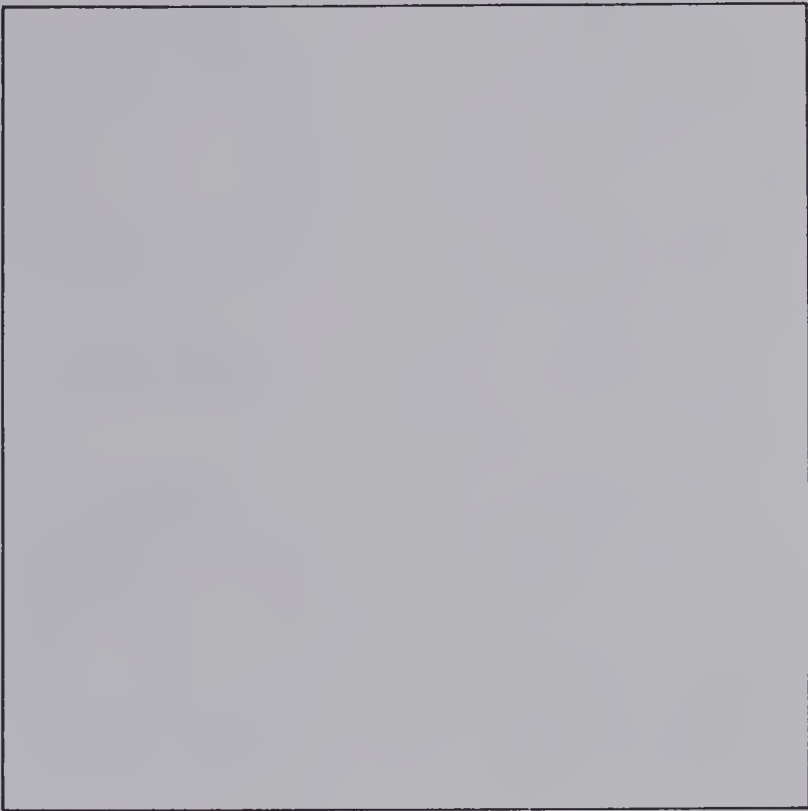
Pages 226-227

Draw a map with the scale: 1 cm = 1 km.
Make your map so that the following
distances are correct.

- Ajax to Beetown: 7 km
- Beetown to Bury: 3 km
- Bury to Orville: 5 km

- What are these distances on your map?
- 1. Beetown to Orville _____
 - 2. Ajax to Bury _____
 - 3. Orville to Ajax _____

Answer to the nearest kilometre.



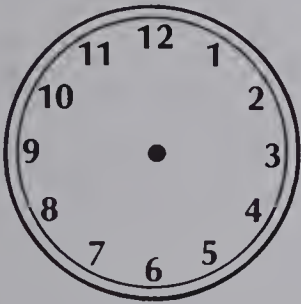
Extra Practice

Worksheet M19

Pages 228-229


Show the digital time on the clock face.

1.




3:45

2.



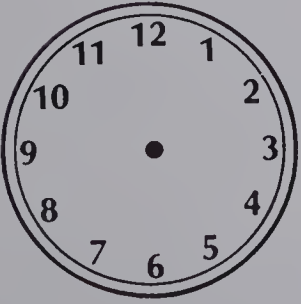
5:15

3.




9:05

4.



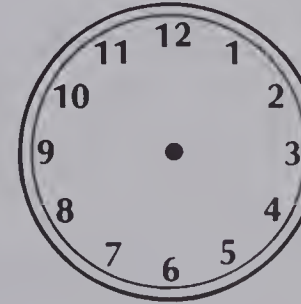
6:57

5.



10:38

6.



2:19

Extra Practice**Worksheet M20**

Pages 230-231

Write the correct time.

1.



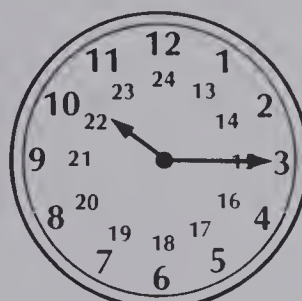
morning

2.



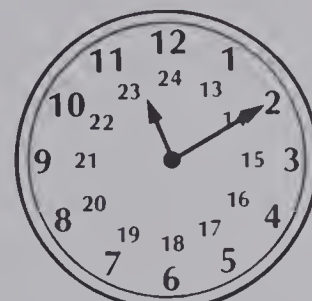
afternoon

3.



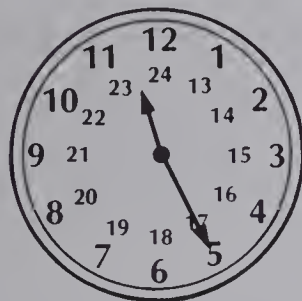
evening

4.



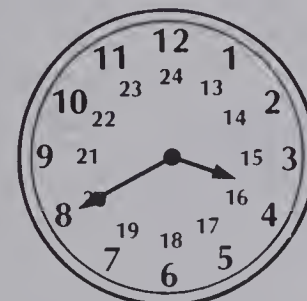
morning

5.



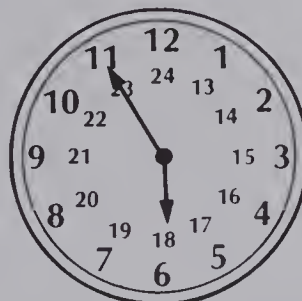
night

6.



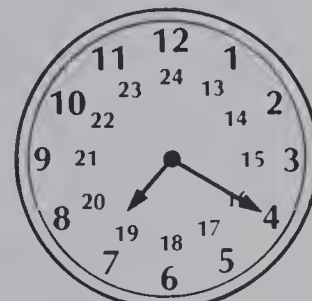
afternoon

7.



morning

8.



evening

Extra Practice**Worksheet PS10**

Pages 232-233

Some of these problems do not have enough information.

For each, supply a fact, then solve the problem.


1. How much soil has to be dug out to make a hole that is 5 m wide and 5 m long?
2. A rectangular floor is 8 m long. What is its area?
3. Chan bought a fish tank for \$10, tropical fish for \$3, and shells and ferns for \$2. What was his total bill?
4. School starts at 9:00. Ralph left home at 8:35. Was he late?

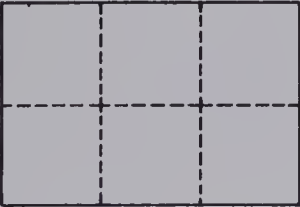
Post-test

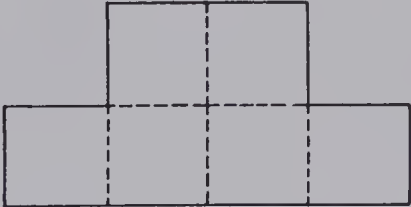
Unit 10


What is the area?

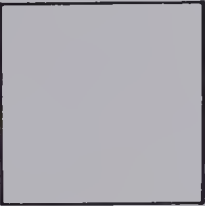
1.

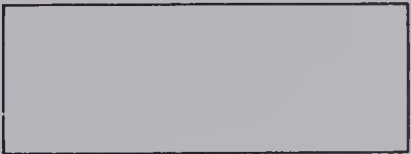

2.


3.


4.

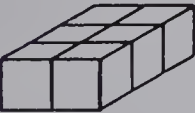

5.

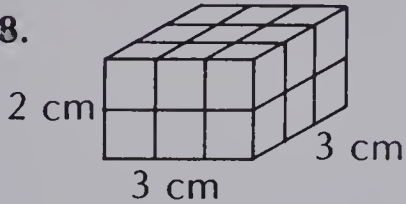

6.

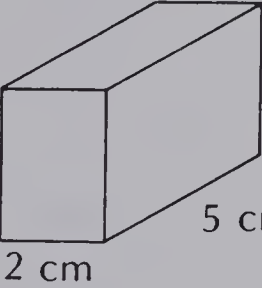


What is the volume?

7.


8.


9.



What is the average?

10.

6, 4, 8
11.

3, 9, 10, 3, 5

Complete each ratio.

12.

days to weeks: _____ to _____
13.

months to years: _____ to _____

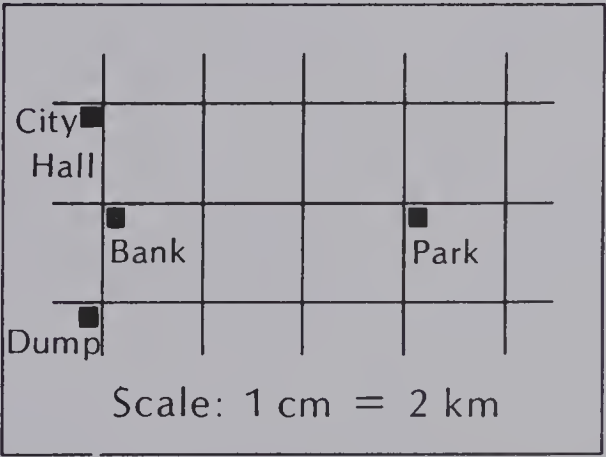
Write each distance.

14.

City Hall to Bank: _____
15.

Bank to Park: _____
16.

Park to Dump by road: _____



Complete.

17.

one day = _____ hours
18.

2 hours = _____ minutes
19.

6 P.M. = _____:00

Pretest**Unit 11**

Multiply.

1.
$$\begin{array}{r} 32 \\ \times 20 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 21 \\ \times 50 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 16 \\ \times 80 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 64 \\ \times 70 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 26 \\ \times 30 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 21 \\ \times 48 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 23 \\ \times 19 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 18 \\ \times 84 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 63 \\ \times 91 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 76 \\ \times 58 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 265 \\ \times 10 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 312 \\ \times 30 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 433 \\ \times 50 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 174 \\ \times 80 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 165 \\ \times 40 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 218 \\ \times 12 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 312 \\ \times 64 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 654 \\ \times 23 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 502 \\ \times 48 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 115 \\ \times 96 \\ \hline \end{array}$$

Divide.

21.
$$2 \overline{)264}$$

22.
$$3 \overline{)639}$$

23.
$$4 \overline{)848}$$

24.
$$6 \overline{)666}$$

25.
$$5 \overline{)550}$$

26.
$$2 \overline{)636}$$

27.
$$3 \overline{)684}$$

28.
$$2 \overline{)872}$$

29.
$$4 \overline{)476}$$

30.
$$6 \overline{)696}$$

31.
$$2 \overline{)526}$$

32.
$$4 \overline{)644}$$

33.
$$7 \overline{)854}$$

34.
$$5 \overline{)725}$$

35.
$$3 \overline{)531}$$

36.
$$3 \overline{)695}$$

37.
$$5 \overline{)757}$$

38.
$$8 \overline{)982}$$

39.
$$4 \overline{)651}$$

40.
$$2 \overline{)911}$$

41.
$$2 \overline{)604}$$

42.
$$6 \overline{)609}$$

43.
$$9 \overline{)972}$$

44.
$$8 \overline{)866}$$

45.
$$3 \overline{)623}$$

Extra Practice**Worksheet A57**

Pages 238-239

Multiply.

1.
$$\begin{array}{r} 23 \\ \times 20 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 31 \\ \times 30 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 42 \\ \times 10 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 62 \\ \times 30 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 91 \\ \times 40 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 70 \\ \times 40 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 64 \\ \times 20 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 58 \\ \times 60 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 96 \\ \times 80 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 87 \\ \times 70 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 16 \\ \times 90 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 35 \\ \times 40 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 82 \\ \times 50 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 23 \\ \times 70 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 85 \\ \times 20 \\ \hline \end{array}$$

Solve.

16. Brian won the skipping contest by skipping 60 times per minute. He kept this pace for 12 minutes. How many times did he skip altogether?

Extra Practice**Worksheet A58**

Pages 240-241

Multiply.

1.
$$\begin{array}{r} 22 \\ \times 33 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 62 \\ \times 43 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 81 \\ \times 56 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 37 \\ \times 23 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 68 \\ \times 31 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 29 \\ \times 32 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 17 \\ \times 52 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 63 \\ \times 75 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 74 \\ \times 53 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 22 \\ \times 45 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 89 \\ \times 96 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 25 \\ \times 36 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 19 \\ \times 49 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 98 \\ \times 16 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 50 \\ \times 34 \\ \hline \end{array}$$

Solve.

16. A pony gave rides to small children. The course was 98 m long. How far had the pony walked when he gave 26 rides?

Extra Practice**Worksheet A59**

Pages 242-243

Multiply.

$$\begin{array}{r} 1. \quad 321 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 502 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 632 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 316 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 315 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 205 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 547 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 758 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 839 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 162 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 957 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 641 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 293 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 409 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 255 \\ \times 20 \\ \hline \end{array}$$

Solve.

16. By noon, 278 cups of coffee had been sold. Each cup cost 60¢.
How much money was taken in for the coffee?

Extra Practice**Worksheet A60**

Pages 244-245

Multiply.

$$\begin{array}{r} 1. \quad 413 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 403 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 532 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 138 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 605 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 417 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 525 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 469 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 673 \\ \times 75 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 172 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 827 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 467 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 202 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 246 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 524 \\ \times 93 \\ \hline \end{array}$$

Solve.

16. To make pickled eggs, 116 dozen eggs were used. How many is this altogether?

Extra Practice**Worksheet A61**

Pages 246-247

Divide.

1. $2 \overline{)242}$

2. $3 \overline{)366}$

3. $4 \overline{)448}$

4. $3 \overline{)963}$

5. $5 \overline{)555}$

6. $6 \overline{)666}$

7. $2 \overline{)684}$

8. $4 \overline{)848}$

9. $7 \overline{)777}$

10. $2 \overline{)844}$

11. $3 \overline{)996}$

12. $4 \overline{)488}$

Solve.

13. At the picnic, all the children with red hair got a 3-scoop ice cream cone free. 339 scoops of ice cream were used for this. How many children with red hair got free ice cream cones?

Extra Practice**Worksheet A62**

Pages 248-249

Divide.

1. $2 \overline{)436}$

2. $3 \overline{)645}$

3. $4 \overline{)452}$

4. $7 \overline{)784}$

5. $3 \overline{)981}$

6. $5 \overline{)570}$

7. $6 \overline{)684}$

8. $4 \overline{)868}$

9. $2 \overline{)678}$

10. $7 \overline{)798}$

11. $8 \overline{)896}$

12. $5 \overline{)595}$

Solve.

13. The field day organizers want to have places for 672 people at picnic tables. Six people can sit at a table. How many tables should they order?

Extra Practice**Worksheet A63**

Pages 250-251

Divide.

1. $2 \overline{)476}$

2. $3 \overline{)561}$

3. $4 \overline{)628}$

4. $3 \overline{)714}$

5. $5 \overline{)620}$

6. $6 \overline{)876}$

7. $2 \overline{)794}$

8. $7 \overline{)861}$

9. $8 \overline{)992}$

10. $5 \overline{)725}$

11. $6 \overline{)930}$

12. $7 \overline{)917}$

Solve.

13. There are 7 sticks of gum in a package. The clown wants 959 sticks to give away. How many packages of gum does he need?

Extra Practice**Worksheet A64**

Pages 252-253

Divide.

1. $2 \overline{)483}$

2. $3 \overline{)368}$

3. $4 \overline{)847}$

4. $3 \overline{)647}$

5. $5 \overline{)575}$

6. $6 \overline{)696}$

7. $2 \overline{)379}$

8. $7 \overline{)895}$

9. $8 \overline{)906}$

10. $4 \overline{)729}$

11. $5 \overline{)618}$

12. $3 \overline{)850}$

Solve.

13. There were 800 people at the Elmvale picnic. How many tables of 6 were needed to seat all the people?

Extra Practice**Worksheet A65**

Pages 254-255

Divide.

1. $2 \overline{)640}$

2. $3 \overline{)482}$

3. $4 \overline{)563}$

4. $3 \overline{)628}$

5. $4 \overline{)428}$

6. $5 \overline{)547}$

7. $6 \overline{)655}$

8. $7 \overline{)844}$

9. $8 \overline{)879}$

10. $9 \overline{)927}$

11. $7 \overline{)706}$

12. $9 \overline{)983}$

Solve.

13. The Fish and Chips booth sold dinners for \$2. At supper time they took in \$212. How many dinners did they sell?

Extra Practice**Worksheet PS11**

Pages 256-257

Find the facts needed in each problem. Solve.

- Four prizes are to be raffled off. 265 people each buy three \$1 tickets. How much does each person spend?
- The prizes for the Fish Pond cost 9¢ each. The organizers bought 210 prizes. 195 children fished at the Fish Pond. How much did the prizes cost the organizers?
- Swimming races were held in a pool 25 m long. There were 8 people in each race. They swam 10 lengths of the pool. How far did each person swim?

Post-test**Unit 11**

Multiply.

$$\begin{array}{r} 1. \quad 57 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 31 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 58 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 17 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 32 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 43 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 56 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 48 \\ \times 29 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 92 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 63 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 159 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 233 \\ \times 30 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 117 \\ \times 90 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 341 \\ \times 80 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 874 \\ \times 60 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 243 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 985 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 615 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 209 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 643 \\ \times 52 \\ \hline \end{array}$$

Divide.

$$21. \quad 2 \overline{)682}$$

$$22. \quad 4 \overline{)848}$$

$$23. \quad 3 \overline{)936}$$

$$24. \quad 7 \overline{)777}$$

$$25. \quad 2 \overline{)840}$$

$$26. \quad 4 \overline{)872}$$

$$27. \quad 2 \overline{)436}$$

$$28. \quad 5 \overline{)575}$$

$$29. \quad 3 \overline{)954}$$

$$30. \quad 6 \overline{)684}$$

$$31. \quad 2 \overline{)524}$$

$$32. \quad 4 \overline{)632}$$

$$33. \quad 5 \overline{)725}$$

$$34. \quad 8 \overline{)998}$$

$$35. \quad 7 \overline{)896}$$

$$36. \quad 4 \overline{)895}$$

$$37. \quad 5 \overline{)657}$$

$$38. \quad 9 \overline{)992}$$

$$39. \quad 6 \overline{)957}$$

$$40. \quad 3 \overline{)588}$$

$$41. \quad 3 \overline{)906}$$

$$42. \quad 6 \overline{)654}$$

$$43. \quad 4 \overline{)839}$$

$$44. \quad 2 \overline{)619}$$

$$45. \quad 9 \overline{)989}$$

Pretest

Unit 12

Name the solid.

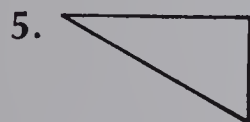




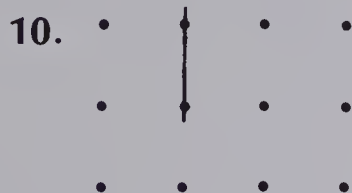




Mark all the right angles.

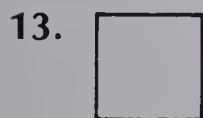


Draw a line parallel to the given line.



Draw a line perpendicular to the given line.

Name each figure.

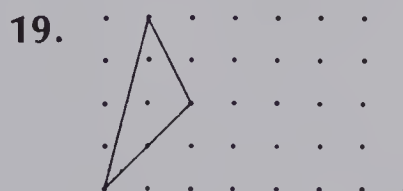
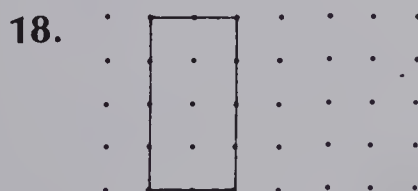
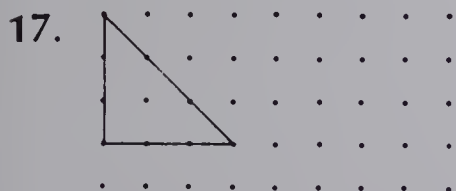




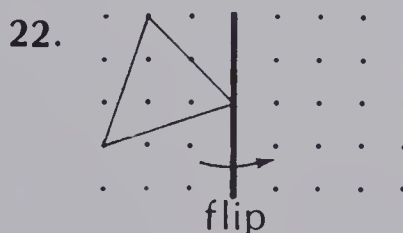
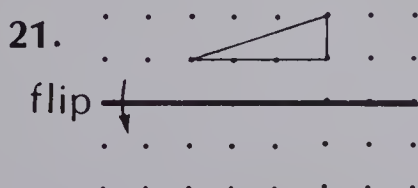
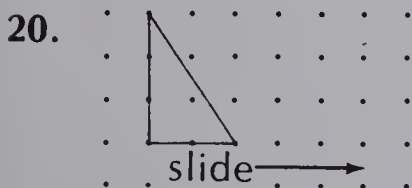




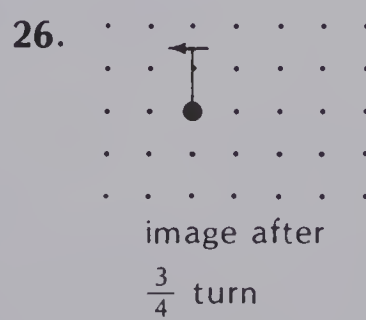
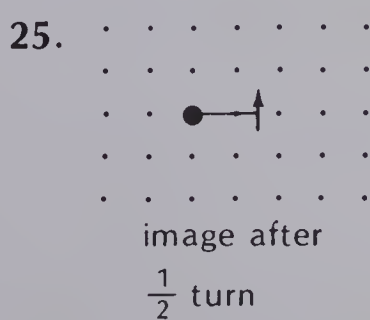
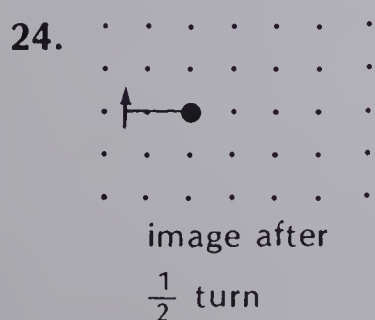
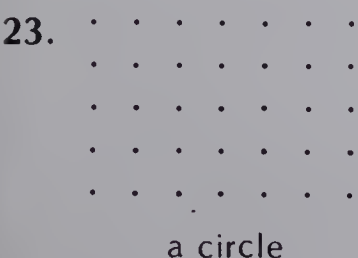
Draw a congruent figure.



Draw the image.



Draw each.



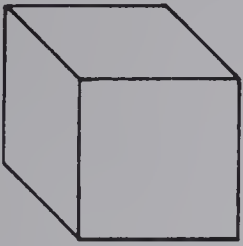
Extra Practice

Worksheet G1

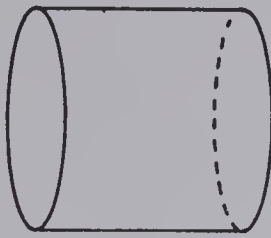
Pages 262-263

Name the solid.

1.



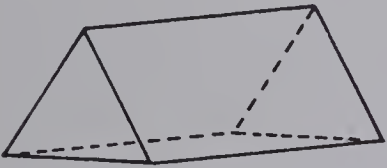
2.



3.



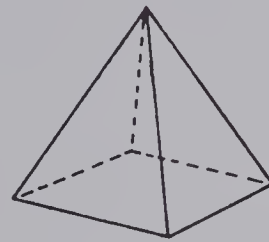
4.



5.



6.



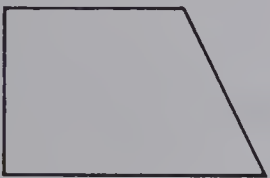
Extra Practice

Worksheet G2

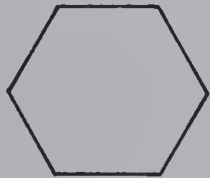
Pages 264-265

How many angles are in each figure?

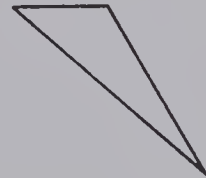
1.



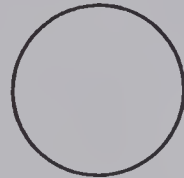
2.



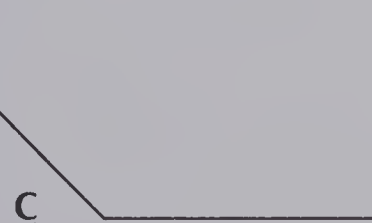
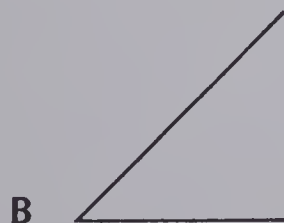
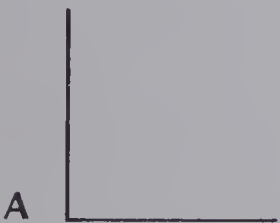
3.



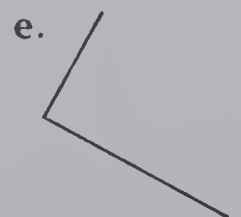
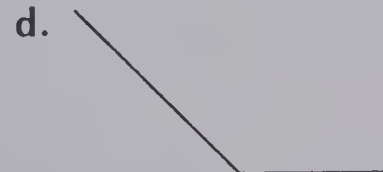
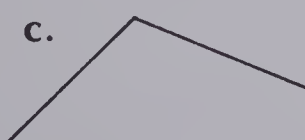
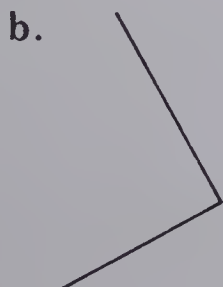
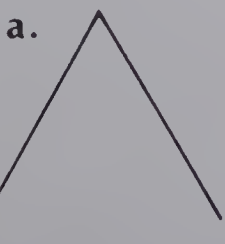
4.



5. Name the smallest angle. _____



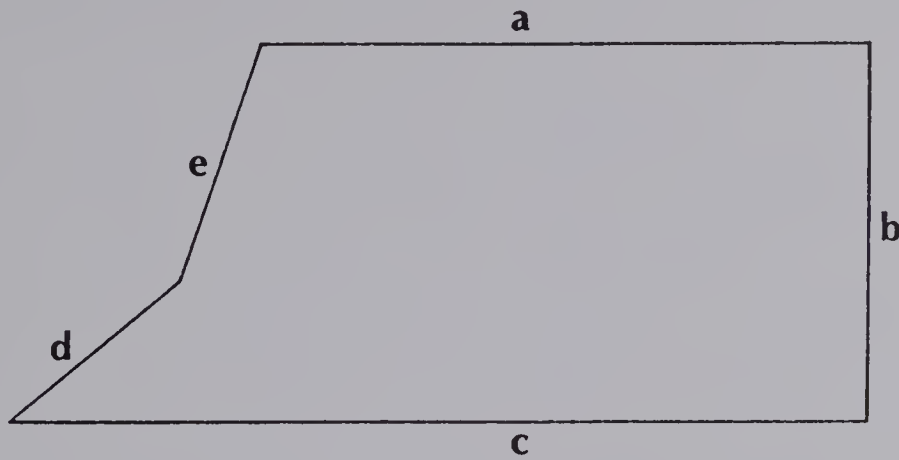
6. Use a square corner to identify the angles that are right angles.



Extra Practice

Worksheet G3

Pages 266-267



1. Name two segments that intersect. _____
2. Name two other segments that intersect. _____
3. Name two segments that are parallel. _____
4. Name two segments that are perpendicular. _____
5. Name two segments that would intersect if extended. _____

Extra Practice

Worksheet G4

Pages 268-269

Draw a figure congruent to the first one.

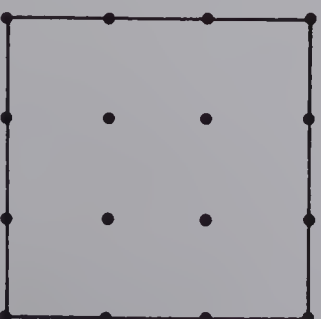
1.



2.



3.



4.

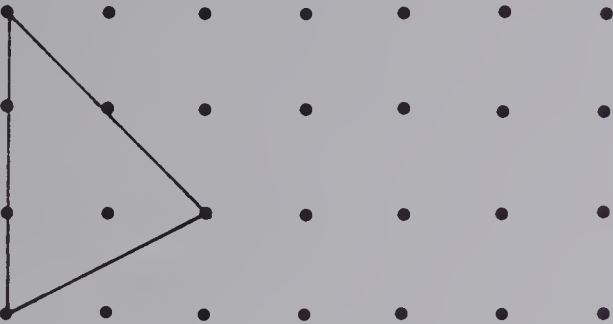


Extra Practice

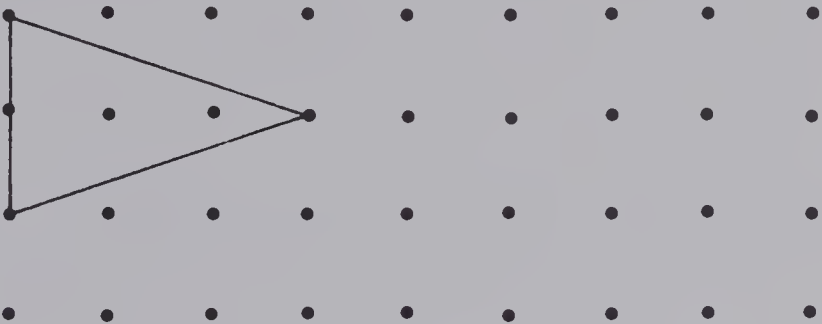
Worksheet G5
Pages 270-271

Draw a triangle congruent to the first one.

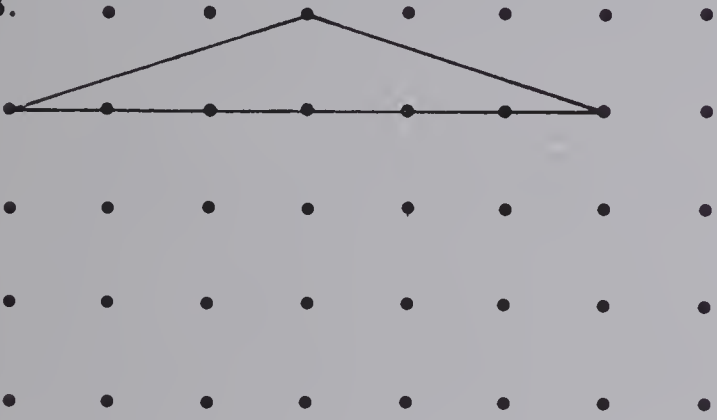
1.



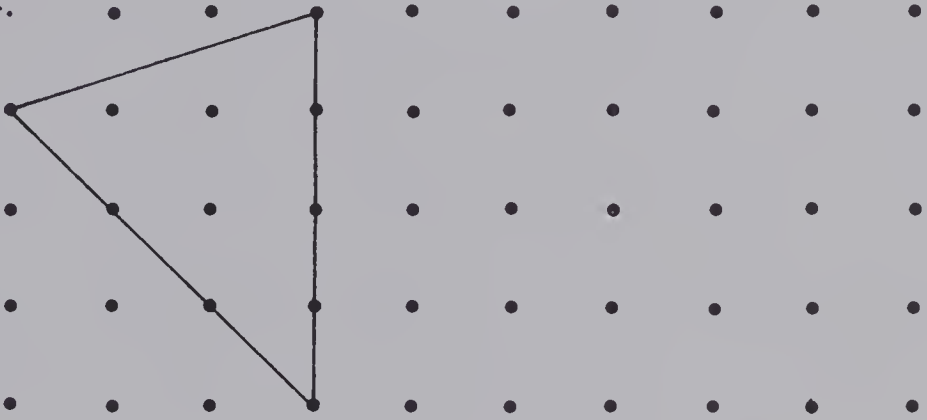
2.



3.



4.



Extra Practice

Worksheet G6
Pages 272-273

Draw each figure.

1.

triangle

2.

square

3.

hexagon

4.

pentagon

5.

rectangle

6.

octagon

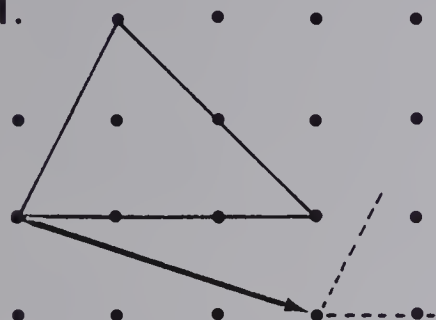
Extra Practice

Worksheet G7

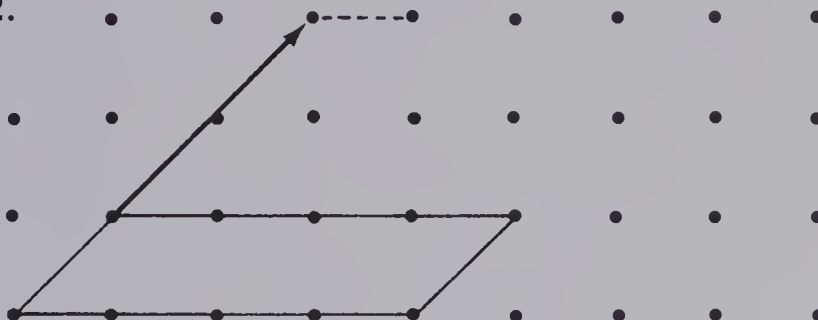
Pages 274-275

Complete each slide image.

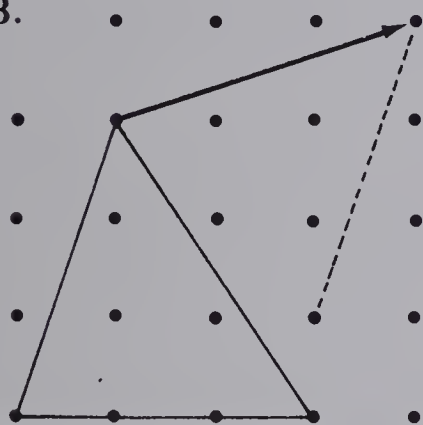
1.



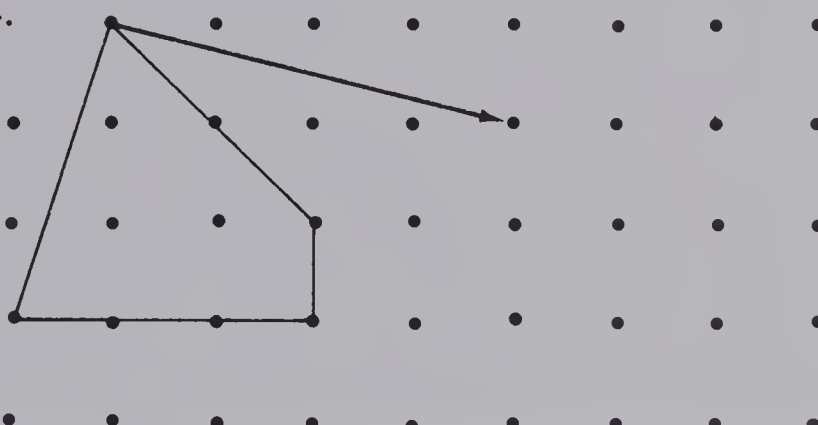
2.



3.



4.



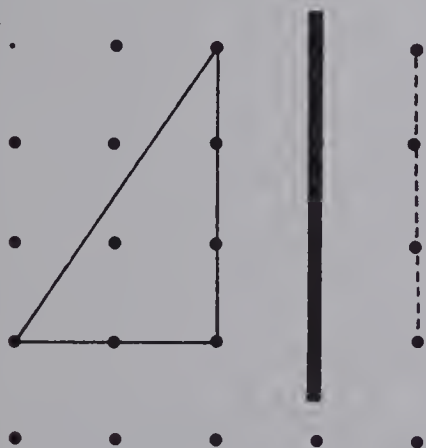
Extra Practice

Worksheet G8

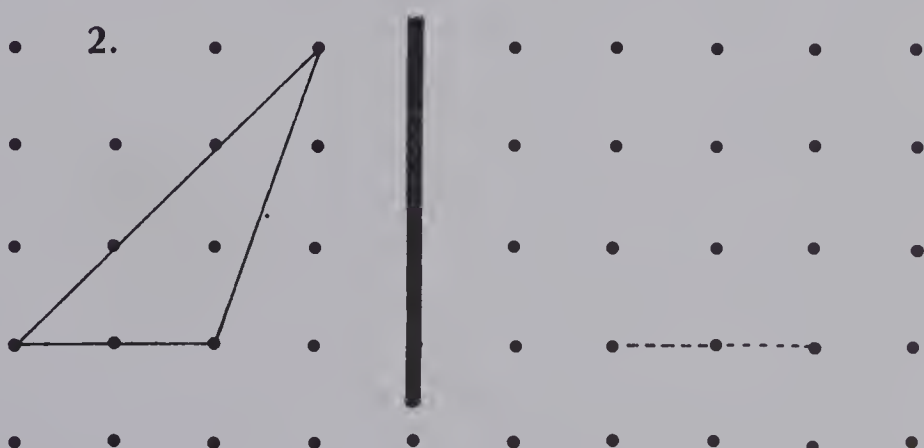
Pages 276-277

Complete each flip image.

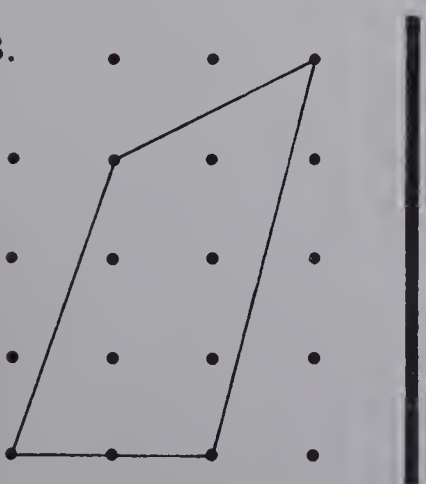
1.



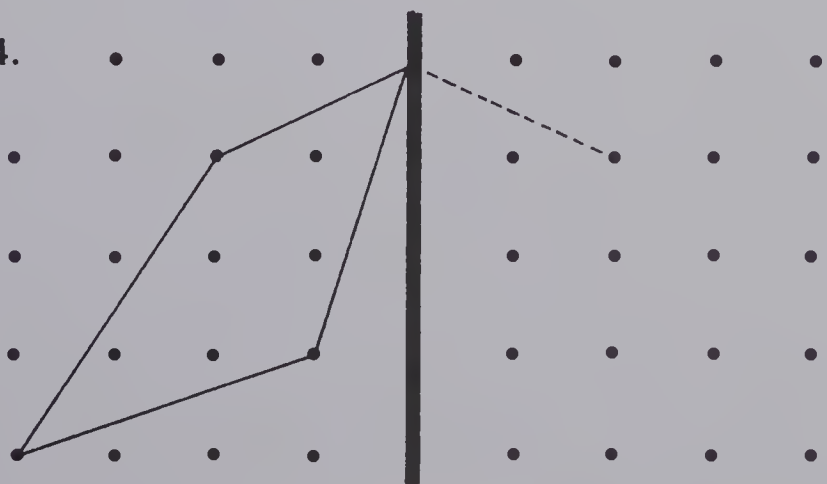
2.



3.



4.



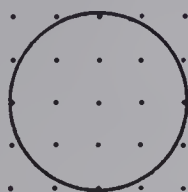
Extra Practice

Worksheet G9

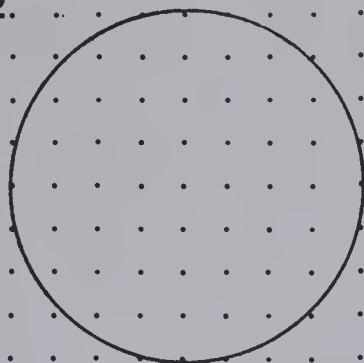
Pages 278-279

Mark the centre of each circle with an X.

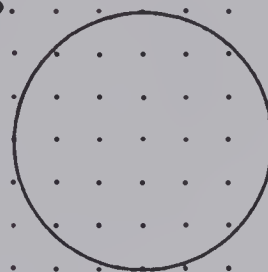
1.



2.

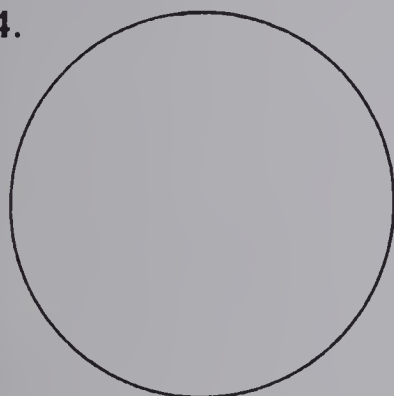


3.



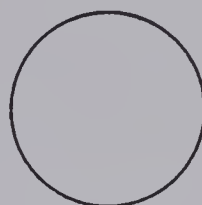
Choose the correct circumference.

4.



- a. 6 cm
- b. 10 cm
- c. 12 cm
- d. 4 cm

5.



- a. 6 mm
- b. 3 cm
- c. 6 cm
- d. 3 mm

Extra Practice

Worksheet G10

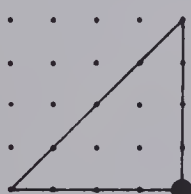
Pages 280-281

Draw each object after a clockwise turn about the turn centre (the large dot).

1.



2.



3.



$\frac{1}{4}$ turn

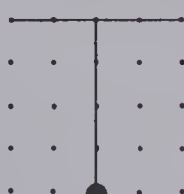
$\frac{1}{2}$ turn

$\frac{3}{4}$ turn

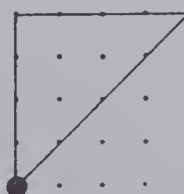
4.



5.



6.



$\frac{1}{4}$ turn

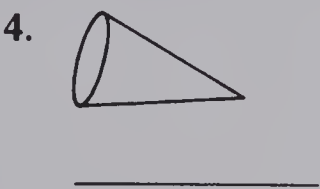
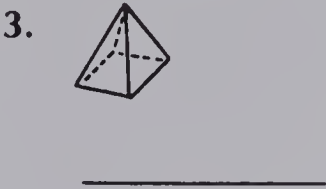
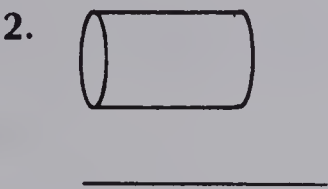
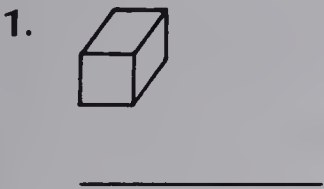
$\frac{1}{2}$ turn

$\frac{3}{4}$ turn

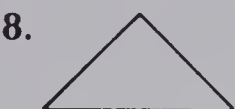
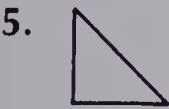
Post-test

Unit 12

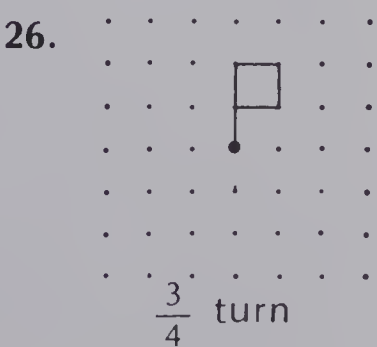
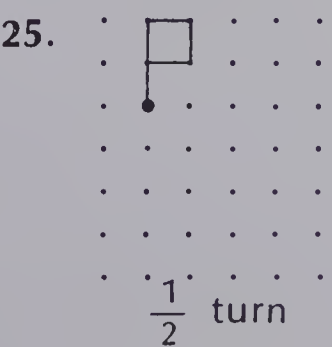
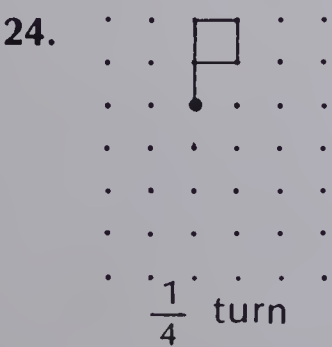
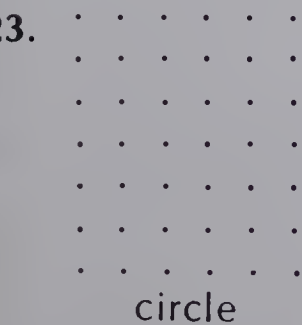
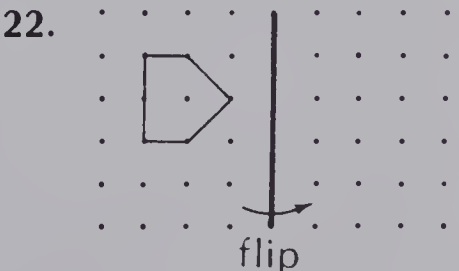
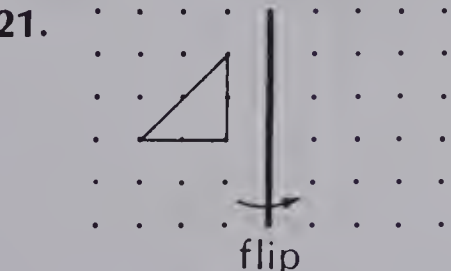
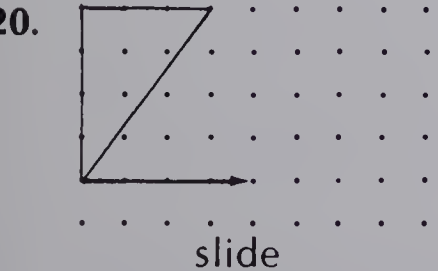
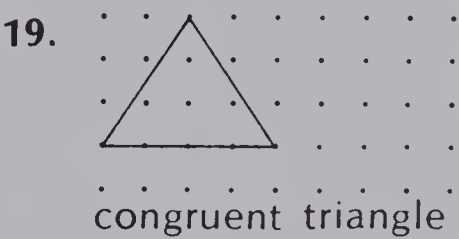
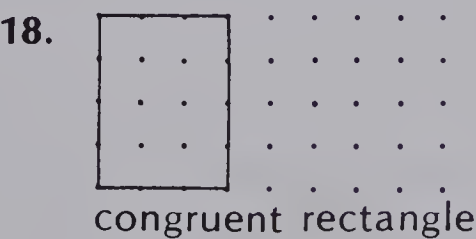
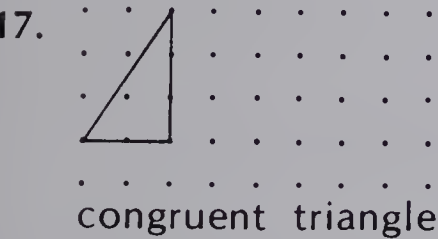
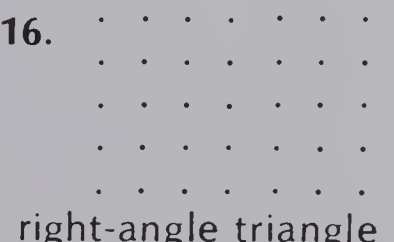
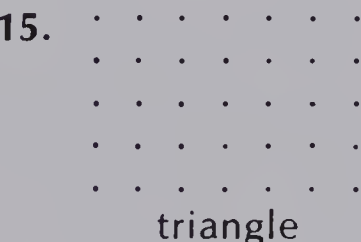
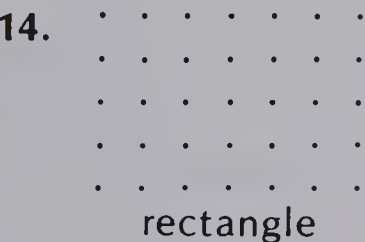
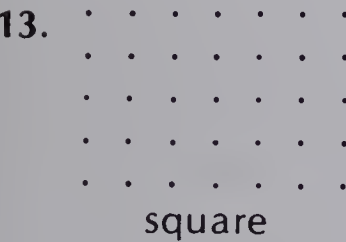
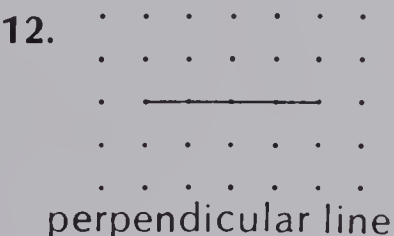
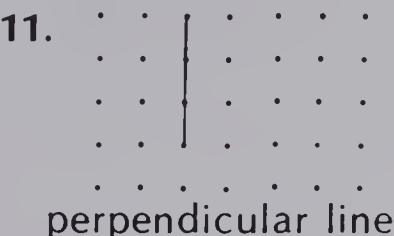
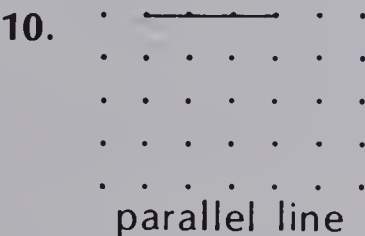
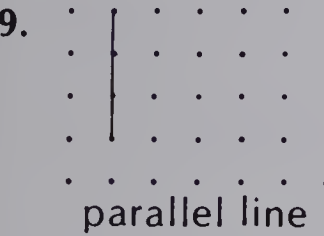
Name the solid.



Mark all the right angles.



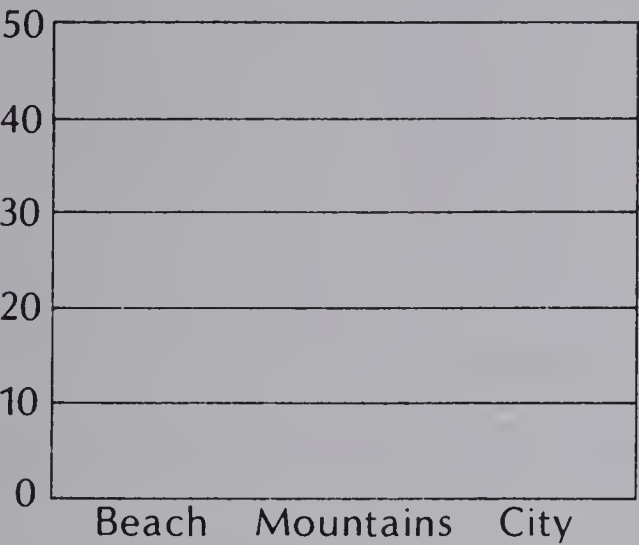
Draw each.



Pretest

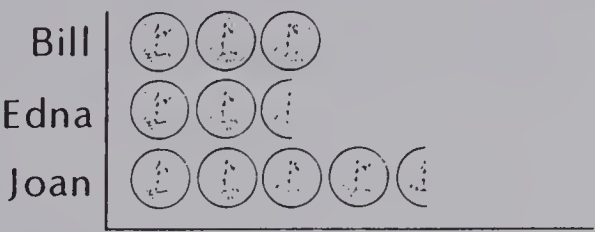
Unit 13

- 1. How much money did Bill earn?
- 2. How much money did Edna earn?
- 3. Who earned most?



Title: _____

Money Earned for Chores

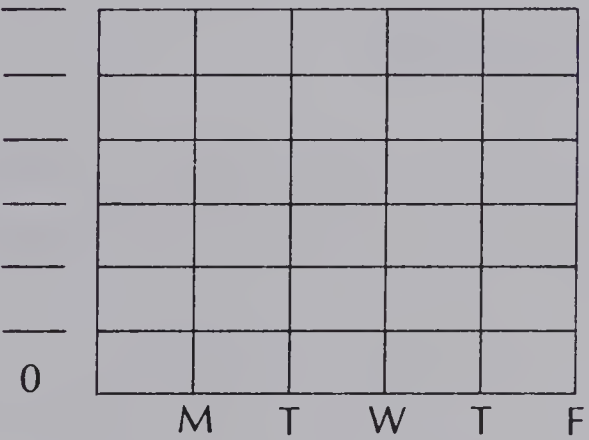
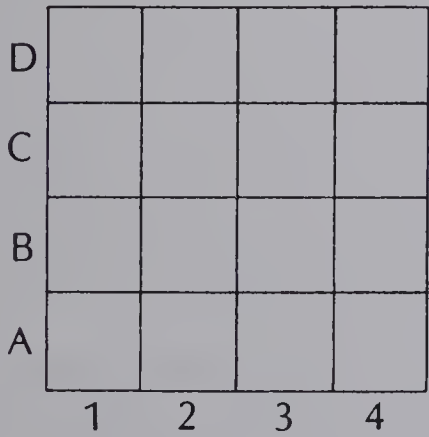


Complete a bar graph for favourite vacation spots.

- 4. Beach: 30
- 5. Mountains: 25
- 6. City: 10

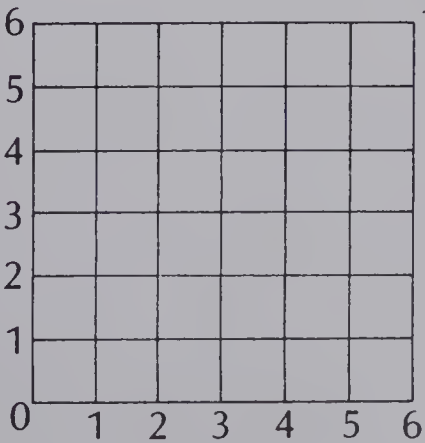
- 7. Draw a point graph for the daily temperatures.

Monday: 3°C Thursday: 2°C
Tuesday: 5°C Friday: 0°C
Wednesday: 4°C



- 8. Draw a circle at 3B.
- 9. Draw a square at 2A.
- 10. Draw a star at 4D.

- 11. Mark an *A* at point (6,1).
- 12. Mark a *B* at point (0,5).
- 13. Mark a *C* at point (3,3).
- 14. Starting at *C*, slide 2 right and 3 down. Mark a *D* at the new point.



Extra Practice

Worksheet PS12

Pages 286-287

The table shows the number of seats in each of five baseball stadiums. Complete the table by rounding each number to the nearest thousand.

City	Team	Seats	Seats to nearest 1000
1. Boston	Red Sox	33 538	
2. Montreal	Expos	60 476	
3. Cleveland	Indians	76 713	
4. Toronto	Blue Jays	43 737	
5. Seattle	Mariners	59 438	

6. Which city has the greatest number of seats?
7. Which city has the fewest seats?

Extra Practice

Worksheet GR1

Pages 288-289

1. Books Read in One Week
2. Make a pictograph to show the information given in the chart.

Bruce	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Janet	<input type="checkbox"/> <input type="checkbox"/>
Sherri	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Peter	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

1 picture represents 2 books.

- a. How many books did each student read during the week?
- b. What was the total number of books read by the students?
- c. Who read twice as many books as Janet?

Play Equipment
Used on our Street

Bicycles	15
Skateboards	13
Roller skates	8

Extra Practice

Worksheet GR2

Pages 290-291

Draw pictographs to show the information.

- 1. 5 red balls
- 15 blue balls
- 10 yellow balls
- 5 green balls

Title: _____

Each picture represents ____ balls.

- 2. 500 stamps
- 700 coins
- 250 marbles
- 300 rocks

Title: _____

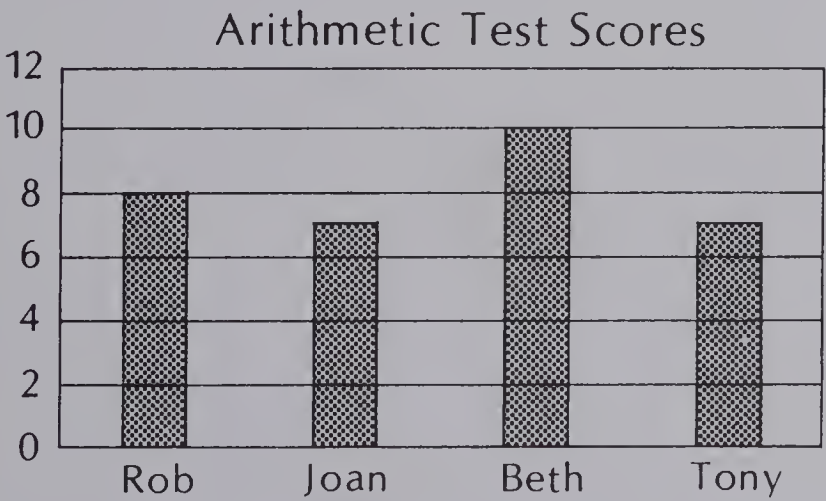
Each picture represents ____ things.

Extra Practice

Worksheet GR3

Pages 292-293

Use the graph to answer the following questions.



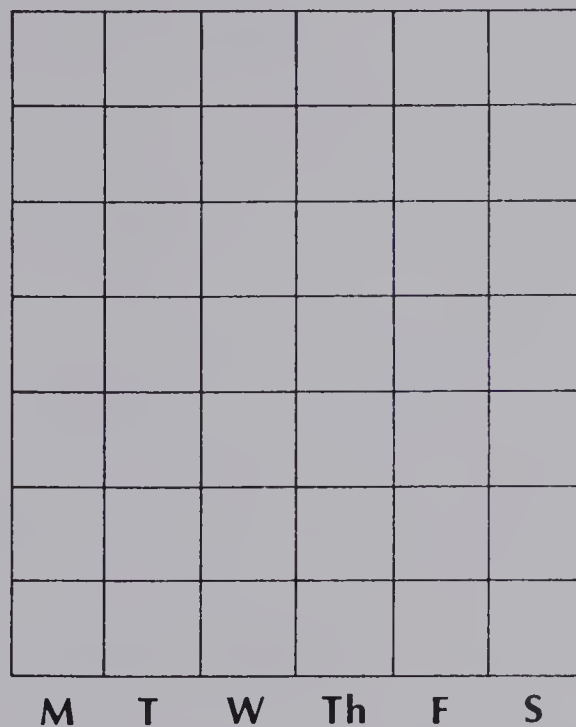
- 1. Who has the highest score?
- 2. What is Joan's score?
- 3. What is the difference between the highest and lowest scores?
- 4. Which students have the same score?

Extra Practice**Worksheet GR4**

Pages 294-295

Draw a bar graph using the following information. The number of people that came to see the magician in the side show varied from day to day.

Monday:	400
Tuesday:	500
Wednesday:	550
Thursday:	350
Friday:	600
Saturday:	650



Title: _____

Extra Practice**Worksheet GR5**

Pages 296-297

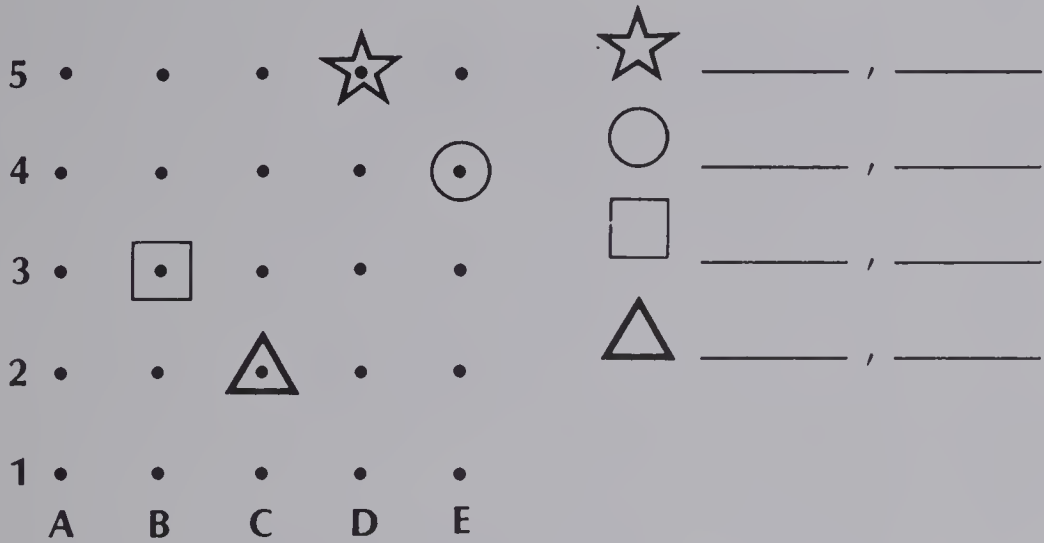
1. Marc's mass was 25 kg on his 6th birthday, 27 kg on his 7th birthday, 30 kg on his 8th birthday, and 35 kg on his 9th birthday. Make a point graph to show this.
2. A person with a mass of 70 kg went on a diet. He lost 2 kg the first week and 1 kg each of the next three weeks. Make a point graph to show his mass each week.
3. A car travels 40 km each hour. Make a point graph to show the distance a car travels in 1 h, 2 h, 3 h, and 4 h.

Extra Practice

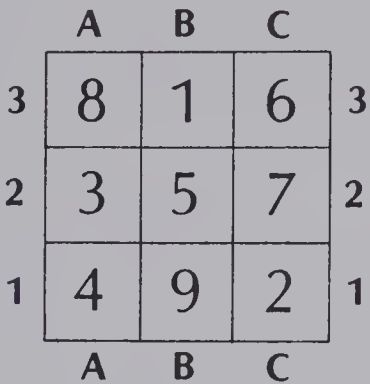
Worksheet GR6

Pages 298-299

1. Give the location of the symbols by letter and number.



2. A player gets 4 rings to throw at a board. A score of 22 or better wins a prize. Karen's throws were **A1**, **B2**, **C2**, and **A3**. Did she win a prize?



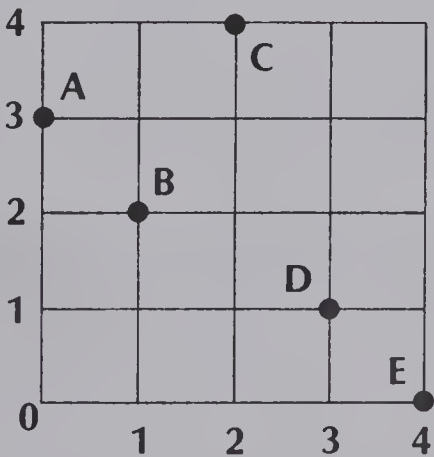
Extra Practice

Worksheet GR7

Pages 300-301

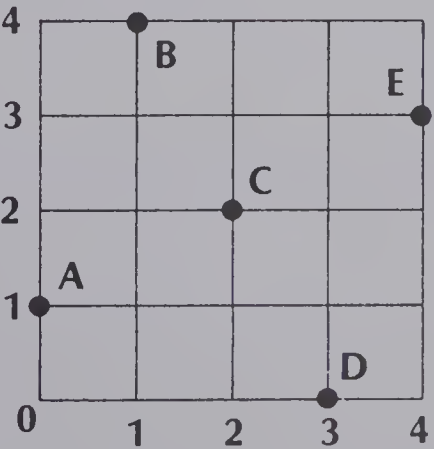
Write the ordered pair for each letter.

1. A (___ , ___) 2. B (___ , ___)
3. C (___ , ___) 4. D (___ , ___)
5. E (___ , ___)



Write the letter locating the ordered pair.

6. (3,0) _____ 7. (1,4) _____
8. (4,3) _____ 9. (0,1) _____
10. (2,2) _____



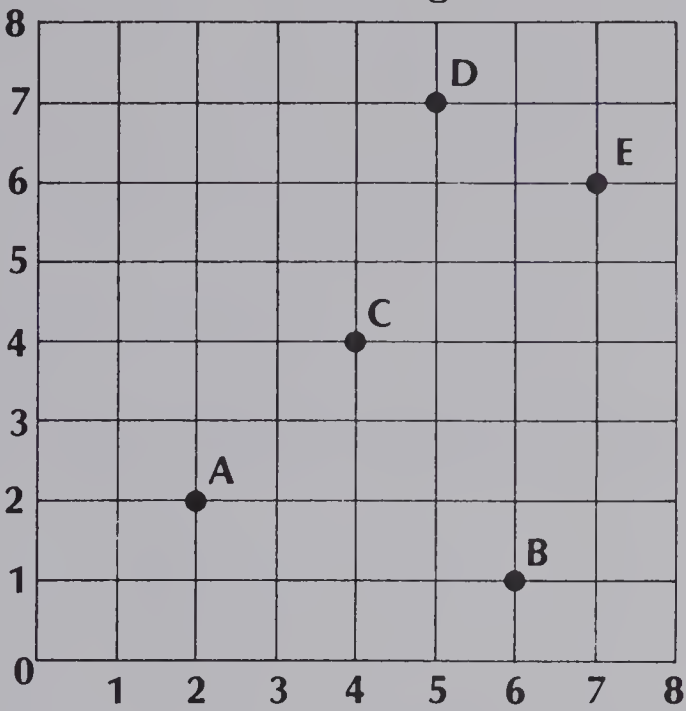
Extra Practice

Worksheet GR8

Pages 302-303

Complete the chart.

Point	Slide	New Point
1. A (_ , _)	right 2	(_ , _)
2. B (_ , _)	up 6	(_ , _)
3. C (_ , _)	right 3, up 2	(_ , _)
4. D (_ , _)	down 5	(_ , _)
5. E (_ , _)	left 4, down 1	(_ , _)



Extra Practice

Worksheet PS13

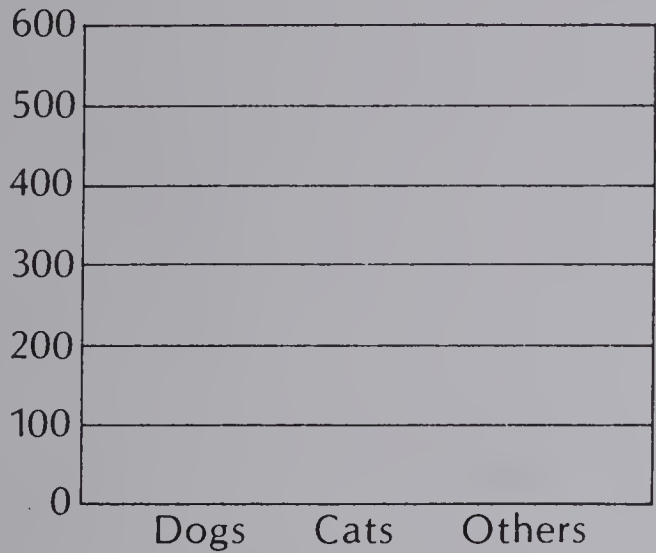
Pages 304-305

- 1. What is the perimeter of a rectangular field 45 m wide and 70 m long?
- 2. You go 5 blocks north, 5 blocks east, 1 block south, and 2 blocks west. How far are you from home?
- 3. You have a box 3 cm wide and 7 cm long. How many tiles 2 cm by 1 cm can you put in one layer on the bottom of the box?
- 4. A cube is sliced in half from one corner to the opposite corner. What kind of figure is formed?

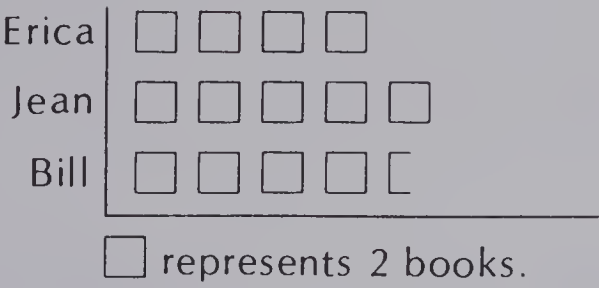
Post-test

Unit 13

1. How many books did Erica read?
2. How many books did Bill read?
3. Who read the most?



Books Read



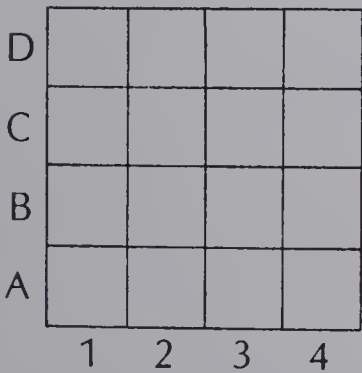
Complete a bar graph for favourite pets.

4. Dogs: 400
5. Cats: 250
6. Others: 50

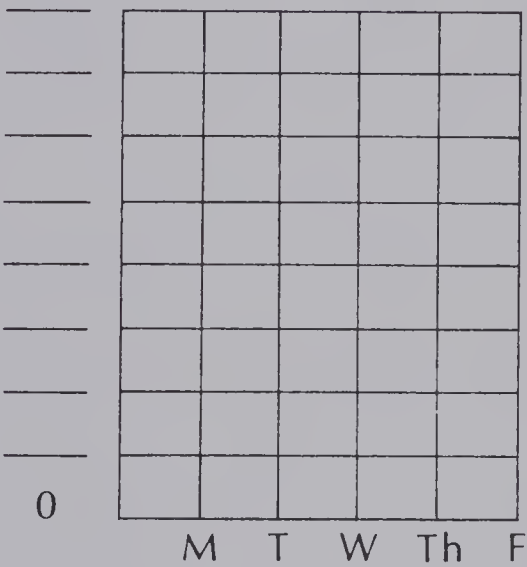
Title: _____

7. Draw a point graph for the daily rainfall.

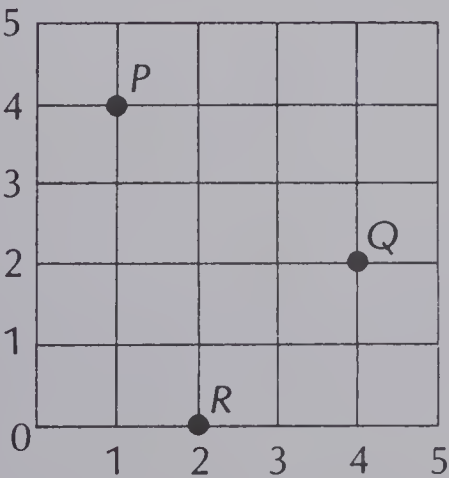
- Monday: 5 mm Thursday: 5 mm
- Tuesday: 2 mm Friday: 8 mm
- Wednesday: 0 mm



8. Draw an X at 2C.
9. Draw an A at 4B.
10. Draw an S at 1D.



11. Where is *P*? (__ , __)
12. Where is *Q*? (__ , __)
13. Where is *R*? (__ , __)
14. Slide 2 right and 3 down from *P*. Where is the new point? (__ , __)



Pretest**Unit 14**

Write as a decimal.

1. 42 hundredths

2. 5 hundredths

3. 97 hundredths

4. $\frac{3}{100}$

5. $\frac{15}{100}$

6. $\frac{70}{100}$

Compare the decimals. Use $<$, $=$, or $>$.

7. 3.06 3.60

8. 135.09 134.11

9. 7.68 6.87

10. 42.85 42.58

11. 2.0 2

12. 0.8 1

Add or subtract.

13.
$$\begin{array}{r} 2.65 \\ + 4.09 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 27.11 \\ + 9.89 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 371.62 \\ + 5.75 \\ \hline \end{array}$$

16.
$$\begin{array}{r} \$49.65 \\ + 96.28 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 8.04 \\ - 2.35 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 37.25 \\ - 8.46 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 204.05 \\ - 35.18 \\ \hline \end{array}$$

20.
$$\begin{array}{r} \$26.87 \\ - 19.89 \\ \hline \end{array}$$

21. $\frac{1}{4} + \frac{2}{4}$

22. $\frac{3}{5} + \frac{3}{5}$

23. $\frac{6}{10} - \frac{2}{10}$

24. $\frac{8}{8} - \frac{7}{8}$

25. $\frac{4}{6} + \frac{1}{6}$

26. $\frac{7}{7} - \frac{2}{7}$

27. $\frac{2}{3} - \frac{1}{3}$

28. $\frac{5}{9} + \frac{4}{9}$

Regroup.

29. 4 tenths + 2 hundredths = 3 tenths + _____ hundredths

30. 5 ones + 3 tenths = _____ ones + 13 tenths

31. 45 mm = _____ cm + _____ mm = _____ cm

32. 214 cm = _____ m + _____ cm = _____ m

Write the decimal.

33. $\frac{1}{10}$

34. $\frac{2}{5}$

35. $\frac{6}{10}$

36. $\frac{4}{5}$

37. $\frac{1}{2}$

Solve.

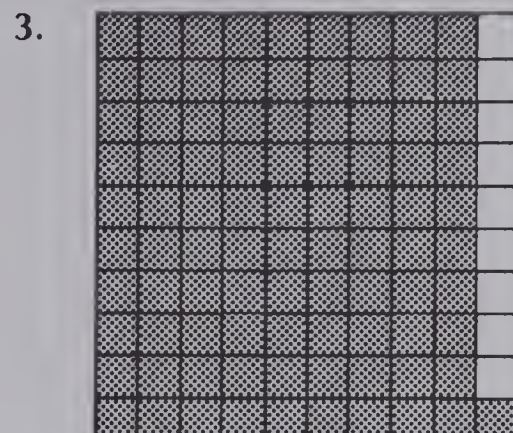
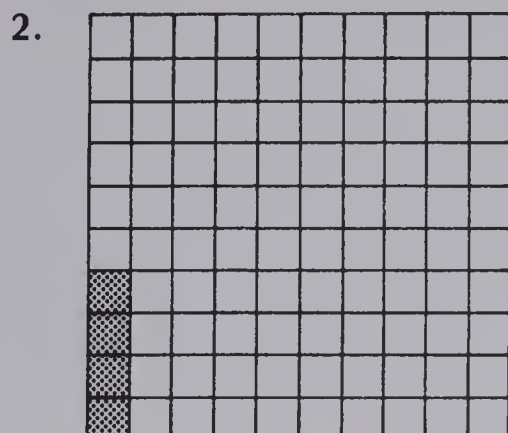
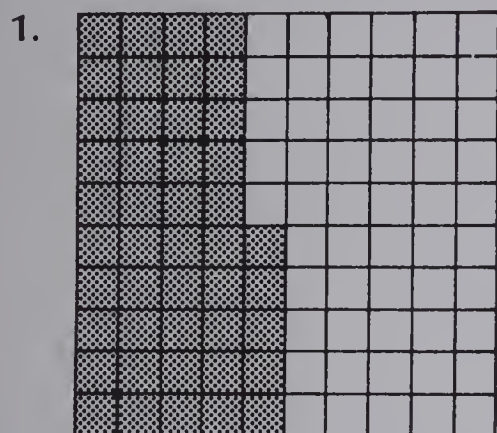
38. Mr. Rafferty used two cans of paint to cover the walls of his living room and dining room. Each can held 4.54 L of paint. How much paint did he use?

Extra Practice

Worksheet N14

Pages 310-311

Write the fraction and the decimal.



Write the decimal.

4. 1 hundredth

5. 19 hundredths

6. 90 hundredths

7. $\frac{16}{100}$

8. $\frac{37}{100}$

9. $\frac{2}{100}$

10. $\frac{50}{100}$

11. $\frac{5}{100}$

Write using \$ and ●.

12. 42¢

13. 8¢

14. 95¢

15. 11¢

16. 3¢

Extra Practice

Worksheet N15

Pages 312-313

Write the decimal.

1. $\frac{100}{100}$

2. $\frac{216}{100}$

3. $\frac{246}{100}$

4. $\frac{405}{100}$

5. $\frac{119}{100}$

6. 3 and 46 hundredths

7. 5 and 17 hundredths

8. 9 and 1 hundredth

9. two hundred hundredths

Write using \$ and ●.

10. 6¢

11. 162¢

12. 395¢

13. 226¢

14. 508¢

Write each length in metres.

15. 216 cm

16. 309 cm

17. 150 cm

18. 442 cm

19. 202 cm

Extra Practice**Worksheet N16**

Pages 314-315

Rewrite each decimal.

- 127 hundredths = ____ ones + ____ tenths + ____ hundredths = ____
- 425 hundredths = ____ ones + ____ tenths + ____ hundredths = ____
- 89 tenths = ____ ones + ____ tenths = ____
- 5 tenths = ____ ones + ____ tenths = ____

Regroup each decimal.

- 3 tenths + 7 hundredths = 2 tenths + ____ hundredths
- 8 tenths + 9 hundredths = ____ tenths + 19 hundredths
- 5 ones + 6 tenths = 4 ones + ____ tenths
- 8 ones + 5 tenths = ____ ones + 15 tenths

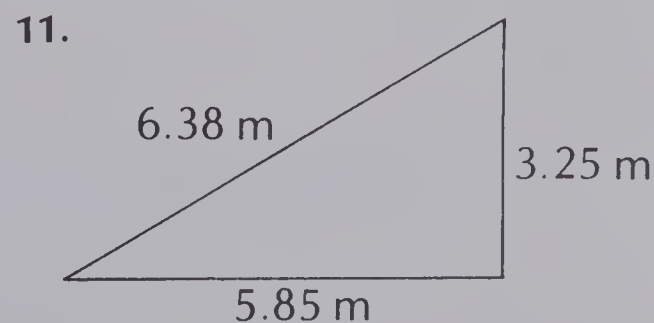
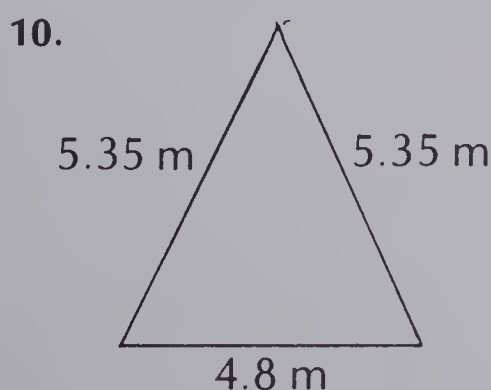
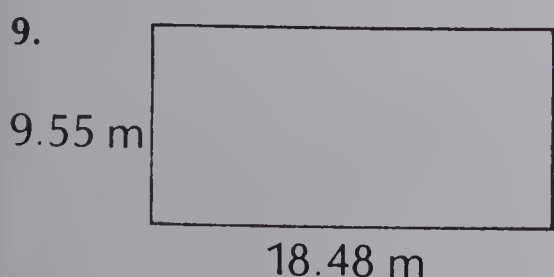
Extra Practice**Worksheet A66**

Pages 316-317

Add.

- | | |
|---|---|
| 1. $1.45 \text{ m} + 3.58 \text{ m} = \underline{\hspace{2cm}}$ | 2. $72.18 \text{ m} + 16.95 \text{ m} = \underline{\hspace{2cm}}$ |
| 3. $4.28 \text{ L} + 7.67 \text{ L} = \underline{\hspace{2cm}}$ | 4. $14.65 \text{ L} + 18.50 \text{ L} = \underline{\hspace{2cm}}$ |
| 5. $\begin{array}{r} 64.37 \\ + 2.85 \\ \hline \end{array}$ | 6. $\begin{array}{r} 28.94 \\ + 50.39 \\ \hline \end{array}$ |
| 7. $\begin{array}{r} 603.08 \\ + 71.92 \\ \hline \end{array}$ | 8. $\begin{array}{r} 8.67 \\ + 95.84 \\ \hline \end{array}$ |

Find the perimeters.



Extra Practice**Worksheet A67**

Pages 318-319

Subtract.

1. $3.05 \text{ m} - 2.75 \text{ m} = \underline{\hspace{2cm}}$

2. $57.20 \text{ m} - 29.95 \text{ m} = \underline{\hspace{2cm}}$

3. $5.24 \text{ L} - 3.16 \text{ L} = \underline{\hspace{2cm}}$

4. $1.08 \text{ L} - 0.89 \text{ L} = \underline{\hspace{2cm}}$

5.
$$\begin{array}{r} 68.08 \\ - 35.99 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 81.30 \\ - 20.62 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 79.42 \\ - 58.56 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 4.01 \\ - 3.75 \\ \hline \end{array}$$

Solve.

9. Laura saved \$5.00. She spent \$3.69 on a Star Wars action figure. How much money did she have left?

Extra Practice**Worksheet PS15**

Pages 320-321

Solve.

1. In an experiment, the temperature of a piece of metal was 275.68°C . It was cooled to 21.50°C . What was the change in temperature?
2. Todd's mass was 35.70 kg last month. This month his mass is 36.25 kg. How much did he gain?
3. Lunch in the school cafeteria costs \$0.95. How much do 5 lunches cost?
4. Kim saved \$0.65 one week and \$1.37 the next week. How much did she save in all?

Extra Practice**Worksheet M21**

Pages 322-323

Complete.

1. $24 \text{ mm} = \underline{\hspace{1cm}} \text{ cm} + \underline{\hspace{1cm}} \text{ mm}$ 2. $73 \text{ mm} = \underline{\hspace{1cm}} \text{ cm} + \underline{\hspace{1cm}} \text{ mm}$

3. $32 \text{ cm} = \underline{\hspace{1cm}} \text{ dm} + \underline{\hspace{1cm}} \text{ cm}$ 4. $94 \text{ cm} = \underline{\hspace{1cm}} \text{ dm} + \underline{\hspace{1cm}} \text{ cm}$

5. $175 \text{ cm} = \underline{\hspace{1cm}} \text{ m} + \underline{\hspace{1cm}} \text{ cm}$ 6. $428 \text{ cm} = \underline{\hspace{1cm}} \text{ m} + \underline{\hspace{1cm}} \text{ cm}$

7. $1 \text{ mm} = \underline{\hspace{1cm}} \text{ cm}$ 8. $1 \text{ cm} = \underline{\hspace{1cm}} \text{ dm}$ 9. $1 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$

$3 \text{ mm} = \underline{\hspace{1cm}} \text{ cm}$ $6 \text{ cm} = \underline{\hspace{1cm}} \text{ dm}$ $42 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$

$10 \text{ mm} = \underline{\hspace{1cm}} \text{ cm}$ $10 \text{ cm} = \underline{\hspace{1cm}} \text{ dm}$ $100 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$

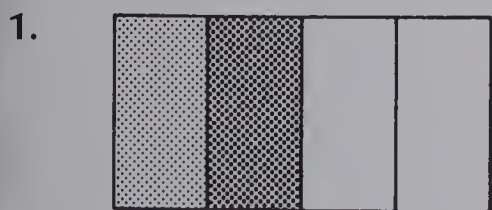
Measure to the nearest tenth of a centimetre.

10. _____

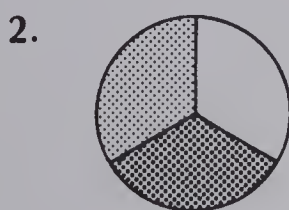
Extra Practice**Worksheet A68**

Pages 324-325

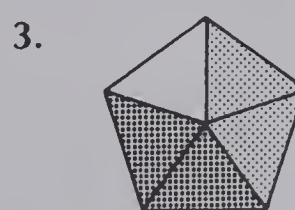
Add.



$$\frac{1}{4} + \frac{1}{4} = \frac{\hspace{1cm}}{4}$$



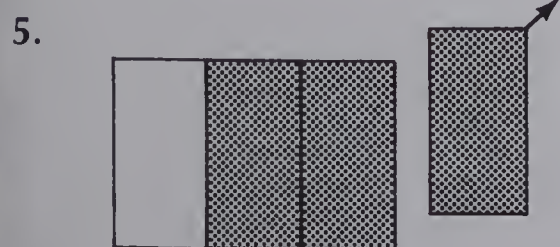
$$\frac{1}{3} + \frac{1}{3} = \frac{\hspace{1cm}}{3}$$



$$\frac{2}{5} + \frac{2}{5} = \frac{\hspace{1cm}}{5}$$

4. Draw a picture to show $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$.

Subtract.



$$\frac{3}{4} - \frac{1}{4} = \frac{\hspace{1cm}}{4}$$



$$\frac{4}{6} - \frac{1}{6} = \frac{\hspace{1cm}}{6}$$



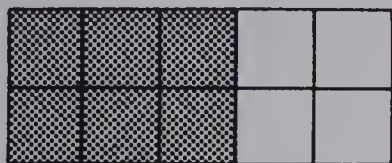
$$\frac{4}{5} - \frac{2}{5} = \frac{\hspace{1cm}}{5}$$

Extra Practice**Worksheet A69**

Pages 326-327

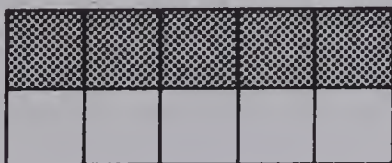
Complete.

1.



$$\frac{3}{5} = \frac{\quad}{10} = 0.\underline{\quad}$$

2.



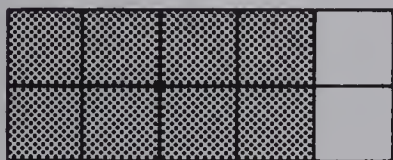
$$\frac{1}{2} = \frac{\quad}{10} = 0.\underline{\quad}$$

3.



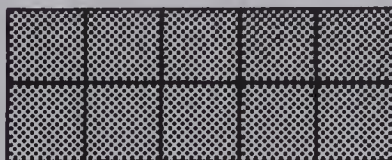
$$\frac{1}{5} = \frac{\quad}{10} = 0.\underline{\quad}$$

4.



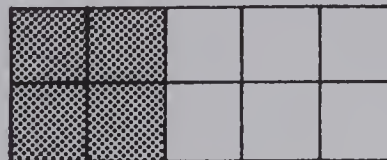
$$\frac{4}{5} = \frac{\quad}{10} = 0.\underline{\quad}$$

5.



$$\frac{5}{5} = \frac{\quad}{10} = \underline{\quad}$$

6.



$$\frac{2}{5} = \frac{\quad}{10} = 0.\underline{\quad}$$

Post-test

Unit 14

Write the decimal.

1. 12 hundredths

2. 1 hundredth

3. 65 hundredths

4. $\frac{7}{100}$

5. $\frac{29}{100}$

6. $\frac{81}{100}$

Compare the decimals. Use $<$, $=$, or $>$.

7. $37.25 \bigcirc 37.52$

8. $0.2 \bigcirc 2.0$

9. $1 \bigcirc 0.9$

10. $8.17 \bigcirc 8.17$

11. $114.29 \bigcirc 113.30$

12. $0.45 \bigcirc 0.50$

Add or subtract.

13.
$$\begin{array}{r} 3.58 \\ + 6.95 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 33.62 \\ + 9.89 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 471.97 \\ + 9.82 \\ \hline \end{array}$$

16.
$$\begin{array}{r} \$24.16 \\ + 19.95 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 8.56 \\ - 3.57 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 24.08 \\ - 9.59 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 600.32 \\ - 4.48 \\ \hline \end{array}$$

20.
$$\begin{array}{r} \$70.00 \\ - 13.26 \\ \hline \end{array}$$

21. $\frac{1}{3} + \frac{1}{3}$

22. $\frac{1}{10} + \frac{3}{10}$

23. $\frac{5}{5} - \frac{3}{5}$

24. $\frac{2}{2} - \frac{1}{2}$

25. $\frac{5}{7} + \frac{2}{7}$

26. $\frac{3}{4} - \frac{1}{4}$

27. $\frac{9}{10} - \frac{6}{10}$

28. $\frac{1}{8} + \frac{5}{8}$

Regroup.

29. 9 tenths + 2 hundredths = 8 tenths + ____ hundredths

30. 7 ones + 5 tenths = ____ ones + 15 tenths

31. 63 mm = ____ cm + ____ mm = ____ cm

32. 192 cm = ____ m + ____ cm = ____ m

Write the decimal.

33. $\frac{4}{10}$

34. $\frac{1}{5}$

35. $\frac{3}{5}$

36. $\frac{1}{2}$

37. $\frac{9}{10}$

Solve.

38. A pine tree is 4.5 m tall. A blue spruce tree is 3.9 m tall. What is the difference in their heights?

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